je Mining Immal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1520.-Vol. XXXIV.

LONDON, SATURDAY, OCTOBER 8, 1864.

STAMPED.....SIXPENCE. UNSTAMPED..FIVEPENCE;

MR. JAMES CROFTS, SHAREBROKER,
No. 1, FINCH LANE, CORNHILL.
(Established 22 years.)
Mr. Caorra transacts business, in the way of PURCHASE or SALE, in every description of stocks, but particularly in BRITISH MINES, in no case departing from the po-Mr. Coorse transacts business, in the way of FURGIASE of SALE, in every description of stocks, at net prices.

"a" bloker, at net prices.

"a" bloker, at net prices.

"a" bloker of mining shares DIFFICULT of SALE in the OPEN MARKET may an independent of mining shares by negociation, through Mr. CROPTS' agency. Also, parties requiring ADVIDE bow to act as to the DISPOSAL, or ABANDONMENT, of doubtful mining success may profitably avail of Mr. CROPTS' long experience on the market in all cases of doubt or difficulty.

Shares recommended and procurable by Mr. CROPTS, at the lowest market prices:—South Darren, Crebor, New Wendron, South Condurrow, Bedol.-Aur, North Chiverton, Yale of Towy, Pendeun, Hope, Gawton, East Russell, Grylis Florence, and Leawood.

FOR SALE, net:—200 Prince of Wales, 4s.; 50 Havan Lead, £2(£4 paid); 10 British Copper; 100 St. David's Gold, dd. (an ofter for the two last).

FOR SALE:—250 Vale of Towy, 6s. 9d. net, immediate delivery. October 7, 1864. October 7, 1864.

MR. JAMES LANE, No. 44, THREADNEEDLE STREET,

JAMES LANE As FOR SALE at nett prices: "-5 Baset and Grylls; 3 Buller, £16; 25
Badel-Au; 12s. 6d.; 50 Crebor, 42s.; 50 Colenso, 12s. 6d.; 100 Calistock Consols; 20
Badel Au; 12s. 6d.; 50 Creston, £2; 50 Colenso, 12s. 6d.; 100 Calistock Consols; 20
Basic Robert Providence £3%; 120 East Abraham, £2; 50 East Jane, 25s.; 20 East Lovell;
10 East Chiverton, £2; 20 East Russell, £4%; 50 Great Burg; 50 Garlyn, 12s. 6d.;
10 Hallenbergie, £3%; 25 Havan (£5 paid), 25s.; 5 Wheel Margaret, £3; 50 Now Wh.

Rose, 8s. 6d.; 20 North Treakerby, £3; 100 North Devon, £2; 50 Frince of Wales,
4, 6d.; 25 E. Day United, 52s.; 5 Sithney and Carumean, £7%; 10 Wheal Kitty (St.

Apres), £6; 10 West Caradon, £3; 60 Vale of Towy, 6s. 6d. MR. PETER WATSON, 79, OLD BROAD STREET,

MR. LELEAN, STOCK AND SHAREDEALER,
11, ROYAL EXCHANGE, LONDON, E.C.
Shars bought and sold on the usual commission. Telegraphic messages promply attended to. Mines inspected, and reliable information given. Established 16 years.
FOR SALE:—20 Worvas Downs, 100 West Jane, 20 East Rosewarne, 10 North Corfot, 30 East Russell, 50 East Laxey, 50 Great South Chiverton, 50 Bedol-Aur, 20 Great Laxey, 50 East Providence, 100 North Miners, 10 East Treskerby, 10 South Darren, 19 Trelyon Consols, 6 Trovidence, 50 Rosewarne Consols: 5 Brittany, 25s.
N.B.—Mr. Lelkan's "Mining and General Investment Circular," No. 101, now ready, which will be sent free on application.

JOHN RISLEY, 32, LOMBARD STREET, LONDON, E.C. SHARES in MINES BOUGHT and SOLD on commission, at 1½ per cent., for mediate cash. Bankers: London and Westminster, Lothbury.

PICHARD CLIFT, MINE SHAREDEALER, late of Redruth, now 48, THREADNEEDLE-STREET, LONDON, where all laters are to be addressed.

NOTICE OF REMOVAL R. J. B. REYNOLDS has REMOVED from 54, Threadneedle Street, to 2, HATTON COURT (49, Threadneedle Street), N.B.—Orders to buy and sell mining shares promptly attended to. REYNOLDS has SPECIAL BUSINESS in New Wheal Vor and Metal United.

Money advanced on good mining shares. Bankers: Bank of London. October 7, 1864. MR. D. STICKLAND, M.E., having had upwards of 40 years' mining experience in Corawall, several years of which he has had the entire management of infines therein, enables him to GIVE GOOD ADVICE thereon. MINES INSPECTED and faithfully REPORTED ON. DEALER in MINING, RAILWAY, and OTHER SHARES.

Ills monthly "Circular" for August contains a selected list of Cornish and other mines. Forwarded on receipt of six postage stamps.

Weilington Chambers, 75, Cannon-street West, London, E.C.

Wellington Chambers, 75, Cannon-street West, London, E.C.

JAMES HUME, SHAREBROKER, 74, OLD BROAD STREET, AND MINING EXCHANGE, LONDON, E.C.

Losing Prices.

South Conductor.

Business in all mines transacted at closest market prices.

Bankers: London Joint-Stock Bank.

M.R. JOHN BATTERS, STOCK AND MINING SHAREBROKER, 13, THROGMORTON STREET, LONDON, E.C., pays particular attention to British Lead, Copper, and Tin Mines, for which he solicits orders to sail or buy, at net price.

FOR SALE:—50 East Chiverton, 30s.; 50 Vale of Towy, 6s. 6d.; 10 Central Minera, 38s.; 30 South Grenville, 11s.; 10 North Grambler.

BUYER of Central Minera.

M. WALTER TREGELLAS, STOCK AND SHAREBROKER, 3, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C., strongly recommends the following mines for investment, which are safe to have a rise in price: Santa Barbara Gold, North Rosewarne, North Shepherds, Wheal Lovell, New Rosewarne, New Wendron, East Basset and Grylis, New Trevenen, and Great Wheal Vor.

MR. J. P. ENDEAN, STOCK AND SHAREBROKER, 1, CROWN COURT, OLD BROAD STREET LONDON, E.C. Having had 25 years' experience in the mining districts of Devon and Cornwall, and three in the London market, with daily information of important changes from qualified spents, also the most anthentic reports relating to other investments, he is in a position to afford the earliest information to his clients, and to direct capitalists whether to buy or sall in mines without or other sequifies.

teafford the earliest information to his clients, and to discuss the said in mines, railways, or other securities.

Investors should apply to him for reliable information relative to the Chiverton Mines, slic the Camborne and Illogan districts.

A carefully selected list of sound progressive and dividend shares (certain to give a faculty selected list of sound progressive and experience immediately) forwarded on receipt of 5s. In stamps.

Orders and telegrams receive immediate attention.

MR. GEORGE BUDGE, SHAREDEALER, No. 4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established 17 years), has FOR SALE at nott prices:—5 East Caradon, £271½; 1 Wheat Seton, £213; 50 Sithney Wh. Maisi; 30 Bast Russel; 100 East Seton; 25 East Cara Brea, £7; 2 East Bassel; 20 Baitenbesgle; 200 Vale of Towy, 5s. 9d.; 50 Kelly Bray, 14s. 6d.; 20 Sithney and Caramel; 100 Merllyn, 2s. 6d.; 20 Trencrom, £3½; 50 Nova Scotia; 100 Anglo-Brazilian, 5s. 3d.; 5 Billins; 300 Great Northern; 5 Clifford Amalgamated; 20 North Treakerby; 100 Den Pedro, 11s. 3d.; 100 Santa Barbara; 100 Weish Gold, 22s.; 50 New Martha; 25 Wheat Crebor; 50 East Rosewarne, £3½; 100 East del Rey; 2 Wheat Baller; 100 Santa-Jiago, 125 United Mexican; 30 Wheat Hearle, 18s. 9d.; 20 North Crofty; 15 Marke Valley; 150 Wheat Follard, 2s. 3d.; 10 Chiverton Valley: 25 Bedford United, 2½; 100 West Marria and Fortuscue; 20 North Shepherds; 2 West Sharp Tor; 50 Working, 12s. 6d.; 50 Dale,

O R G E M O O I, CROWN COURT, THREADNEEDLE STREET. G

| AMES | HERRON | the prices quotsd, and FREE OF COMMISSION:—
| 100 Anglo-Brazilian, 4s. 6d. | 50 Gt. Northern Cop., 1s 3d. | 20 Sithney Metal, 25s. | 10 Anglo-Max. Mint, 419. | 18 Buller, £19. | 30 Ginsgow Caradon, £3%. | 30 Sithney Metal, 25s. | 30 Buller and Basset, 2s. | 30 Ginsgow Caradon, £3%. | 30 St. Day United, 29s. 3d. | 30 St. Day United, 29s. | 3d. | 30 St. Day United, 29s. | 3d. |

MESSRS. VIVIAN AND REYNOLDS, 37, OLD BROAD AT STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS of MINES, COMMISSION, and GENERAL AGENTS for the FURCHASE or SALE of MINE SHARES, RAILWAY, and EVERY OTHER DESCRIPTION of STOCK.

Commission on share transactions 1½ per cent. on £100 and above, and 2½ per cent.

NOTICE OF REMOVAL.—Mr. EDWARD COOKE has REMOVED from No. 75, Old Broad-street, to No. 2, CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C.

MR. EDWARD COOKE, MINING SHAREBROKER,

1. 2. CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C.

1. Mr. EDWARD COOKE has removed to the above address, where all communications on matters relating to business will meet with his usual attention.

1. NORTH CHIVERTON.—This mine is really deserving of great attention, and Edward COOKE attrongly advises parties to send an agent to inspect the property immediately, while it is selling at a very low price. The intrinsic merits of this mine must necessarily cause a great rise in price ere long.

1. Having visited other mines during the current week, Edward Cooke will feel much pleasure in answering any communications from parties inclined to invest in legitimate mining property.

1. Oct. 7, 1864.

1. Bankers: Alliance Bank, Lothbury.

MR. GEORGE BATTERS strongly recommends his friends to buy West Chiverton, Chiverton, Herodsfoot, South Caradon, Devon Great Consols, ireat Wheal Vor, Prosper United, Wentworth Consols, and Sithney Wheal Metal for in-eatment. These shares will pay good interest for money at present quotations. 76, Old Broad-street, London, E.C.

75, Old Broad-street, London, E.C.

MR. G. D. SANDY, SHAREDE ALER, No. 48,
THREADNEEDLE STREET, LONDON, E.C., has SPECIAL BUSINESS
in the FOLLOWING SHARES:
30 Bedol-Aur.
100 Caradon Hill.
50 Great Retallack.
20 Camborne Vgan.
2 Clifford Amalgamated.
3 East Easset.
3 East Easset.
100 East Laxey.
20 East Carenville.
5 New Rosewarne.
20 East Kosewarne.
20 East Rosewarne.
20 East Rosewarne.
20 East Rosewarne.
20 East Rosewarne.
20 Fenden Counsols.
30 North Treskerby,
30 Wheal Grenville.
30 Wheal Grenville.
30 Wheal Genville.
31 Wheal Reeth.
32 Wheal Reeth.
33 Tremayne.
35 Wh. Kitty (St. Agnes).
36 Wheal Genville.
36 Wheal Genville.
37 Tremayne.
38 Wh. Kitty (St. Agnes).
39 Wheal Genville.
30 Wheal Genville.
31 Wheal Reeth.
32 Wheal Reeth.
32 Wheal Reeth.
33 Wheal Reeth.
34 Wheal Reeth.
35 Wheal Reeth.

A selected list of bona fide shares for investment forwarded gratis.

Current Daily Price List may be obtained as usual.

MR. WILLIAM BARTLETT has the FOLLOWING SHARES
FOR SALE—
5 Nanglies, £264.
20 Wheal Uny, £34.
20 North Basset, 22s. 6d.
20 Stehney Metal, £14.
20 Pendean, £31/6.
20 Pendean, £31/6.
20 Great Providence, £31/6. Also, SPECIAL BUSINESS in the following:

East Basset.
Clifford Amalgamated.
Trelawny.
East Caradon.

North Treskerby.
North Treskerby.
South Caradon Hooper.
North Treskerby.
South Caradon Hooper. Providence.
South Caradon,
Kelly Bray.
Great Fortune.
Wheal Seton, &c.
lawny, £19%.

AN OFFER WANTED FOR—5 Spearne Moor.
Offices, No. 2, Bucklersbury, London, E.C.
Bankers: Alliance Bank, Lothbury. MATTHEW GREENE, STOCK AND SHAREDEALER, begs to inform his friends and clients that he has REMOVED his offices to gRACECHURCH STREET, near CORNHILL, LONDON.

Mr. GREENE continues to advise his friends and clients to purchase East Laxey shares

Mr. GREENE continues to advise his friends and clients to purchase East Laxey shares at present prices, £2½. REFORT—EAST LAXEY.—The lode in the shallow adit is not so wide as last reported, but increasingly promising, the gossan being softer, and more impregnated with lead and lack. In the deep adit the lode is about 2 ft. wide—a rich looking gossan, mixed with leak. On No. 1 lode we have (this week) commenced to sink a new shaft, and are proceeding with the preparatory work for the crection of a new 50-ft. wheel about haifway between the two lodes, in order to command both in depth, and suitable for crushing the ores as well.—R. Rows.

Shares bought and sold out the usual terms.

Rows.
Shares bought and sold on the usual terms.
Bankers: London and County Bank.

MATTHEW GREENE has REMOVED from 27, Austinfriars, to No. 9, GRACECHURCH STREET, near CORNHILL, LONDON.

MR. WILLIAM MARLBOROUGH, STOCK, SHARE, AND MINING BROKER, 48, THREADNEEDLE STREET, LONDON, E.C. BUSINESS TRANSACTED in EVERY DESCRIPTION of SHARES, at closest market prices, either nett or on commission. Reliable information given either personally or by letter, upon the purchase, sale, or exchanges of every description of stock. FOR \$ALE:-60 Kelly Bray; 10 East Enseul; 25%; 50 Bedol-Aur; 25 East Laxey; 50 Wheal Crebor, 43s. 9d.; 10 Greet Laxey; 30 South Condurrow; 70 Wheal Unity, 2s. 6d.; 11 New Resewance; 25 Fast Grenville, 47%; 10 Wheal Grenville, 48%; 20 South Granville, 11s. 9d.; 5 East Lovel, 48%.

M R. T. P. THOMAS, MINING AGENT AND AUCTIONEER, 2, CROWN COURT, THREADNEEDIE STREET, LQNDON, 2.C.

R. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, 2, PINNER'S COURT, OLD BROAD STREET, LONDONG

MR. FRANCIS G. LANE, No. 2, ROYAL EXCHANGE, LONDON, E.C., has the following SHARES FOR SALE, free of commission:— M. R. FRANCIS G. LANE, No. 2, ROYAL EXCHANGE, 10 LONDON, E.C., has the following SHARES FOR 8ALE, free of commission:—20 Great Laxey, £15½, 20 Great Laxey, £15½, 30 Vale of Towy, 6s. 30 Prince of Wales, 4s. 30 East Rosewarns, 23. 40 North Minera, 4s. 5 Wentworth Cons., £7. 10 Cape Corrowall (£2 10s. 5 O Hallenbeagle, £3½, 20 South Lovell, £2. 20 South Darren, 30s. 40 Chiverton Valley, £2. 30 Chiverton Valley, £2. 30 South Darren, 30s. 40 Wheal Crebor, £8s. 3d. 30 Chiverton Valley, £2. 30 Nove Martha, 32s. 6d. 40 Wheal Crebor, £8s. 3d. 50 Wheal Crebor, £8s. 3d. 50 Chiverton Valley, £2. 30 Nove Martha, 32s. 6d. 40 Wheal Crebor, £8s. 3d. 50 Chiverton Valley, £2. 30 Nove Martha, \$20 South Darren, 30s. 40 Wheal Crebor, £8s. 3d. 50 Chiverton Valley, £2. 30 Nove Martha, \$20 South Darren, 30s. 40 Wheal Crebor, £8s. 3d. 50 Wheal Crebor, £8s. 3d. 5

Parties of respectability can have transfers registered into their sames previous to syment.

Bankers: London and County Bank.

MR. F. W. MANSELL, MINING SHAREBROKER, 75, OLD BROAD STREET, LONDON, E.C.

MR. WM. BIRDSEY, MINE AND SHARE BROKER,
No. 2, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C.
W. BIRDSEY is a BUYER of 500 (or any part of) Alten shares, at present prices.

MR. JOHN R. PIKE, GENERAL SHAREDEALER,
OFFERS his SERVICES to INVESTORS,
3, PINNER'S COURT, OLD BROAD STREET, LONDON.

HARES WANTED IN THE FOLLOWING MINES, which are at the same time strongly recommended for an early and immense rise in value:

Bryntati.
Camborne Vean.
Citiford Amalgamated.
Carn Camborne.

South Basset.

Kitty (Lelant).
South Basset.

West Caradon. Camborne Vean, Kitty (Lelant). South Basset. East Grambler. Grambler and St. Aubyn. Friends and investors, if they would consult their own interests, will do well to act pon this advertisement, and not treat it as one of the empty statements so often put orth in the public journals.

HUBERT BARNES RYE.

Mining Offices, 77, Old Broad-street, London, and Mining Exchange, Oct. 7, 1864.

AMES B. BRENCHLEY has SPECIAL BUSINESS, for cash or AMES B. BRENCHLEY has SPECIAL BUSINESS, for cash or necount, at net prices, in the FOLLOWING SHARES:

1. Basset.
20 Crebor, 43s.
15 Carn Camborne, 33s.
160 Dale, 6s.
2 East Basset, £62½.
10 East Carn Brea, £7.
20 East Garnellie, £7½.
20 Frank Mills, £434.
21 Frank Mills, £434.
22 Frank Mills, £434.
23 Frank Mills, £434.
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20 Frank Mills, £434.

MR. THOS. THOMPSON, MINING OFFICES,

J. W. GILBERT, MINE SHAREBROKER, 1, PINNER'S COURT, OLD BROAD STREET, LONDON.

M ESSRS. WARD AND JACKMAN, SHAREBROKERS, 2, ADAM'S COURT, OLD BROAD STREET AND MINING EXCHANGE, LONDON, E.C. Bankers: London and Westminster, Lothbury.

WILLIAM SEWARD, MINING BROKER, STOCK AND SHAREDEALER, 19, THROGMORTON STREET, LONDON, E.C. Commission, 14, per cent. on all transactions.

WANTED:—An offer for 170 Worthing shares, and for Chiverton Valley, East Chiverton, and Camborne Vean.

MR. H. WADDINGTON, MINING AND SHAREBROKER, 20, THROGMORTON STREET, LONDON, E.C. Shares in railways, mines, &c., bought and sold on the usual commission. Clifford Amalgamated, Grambler and St. Aubyn, East Grambler, and Great South Toigus should be bought at once. West Seton shares should be bought at the present reduced price.

MR. THOMAS CARTHEW, MINING OFFICES, 17a, SISE LANE, BUCKLERSBURY, LONDON, E.C. Reliable information respecting mining generally can be obtained by applying as above.

Bankers: Robarts, Lubbock, and Co., 15, Lombard-street, London.

MR. E. GOMPERS. MINING OFFICES, 3. CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C. BUSINESS TRANSACTED in BRITISH and FOREIGN STOCKS and SHARES. Terms, 1½ per cent. Bankers: London and Westminster Bank.

FOR SALE, FIFTY NORTH POOL SHARES (or any part), at £3 10s. per share, cash. —Apply to Mr. T. CARTER, mine sharedcaler, Camborne. HARES FOR SALE,—An OFFER WANTED for FIFTY-TWO NEW WHEAL MARTHA UNITED, and THIRTY CORNISH CLAY AND TIN WORKS SHARES, or any part thereof.—Address, stating highest price, "M. R.," Post-office, Bray, Ireland.

W ANTED, to go abroad, a PRACTICAL MAN, who fully UNDERSTANDS MINING OPERATIONS, and to EXPLORE and ASCERTAIN the VALUE of the lodes. He could be home again in two months.—Apply by letter, to "K. T.," MINING JOURNAL Office, 26, Ficet-street, London, E.C.

WANTED, by a MINING ENGINEER, who has had extensive experience in the management of flery collieries, a SITUATION as MANAGER or VIEWER. First-class references given.—Address, "E. D.," MINING JOHNAL office, 26, Fleet-street, London, E.C.

SITUATION WANTED, by a PRACTICAL MINE AGENT, who has been employed for a great many years as underground agent in mines in England, Scotland, and Germany, and is competent to keep the accounts of a mine, and can give most satisfactory references as to character and ability.—All applications to be addressed to "H. P.," MINING JURNAL office, 26, Fleet-street, London, E.C.

A PRACTICAL MINING and MECHANICAL ENGINEER, of 25 years' experience at home and foreign, and who speaks Spanish and Italian fluently, is DESIROUS of an ENGAGEMENT, at home or abroad; or would UNDERTAKE the SURVEY and INSPECTION of ANY MINING PROPERTY in any part of the world.—Address, "B.," MINING JOURNAR office, 26, Fleet-street, London, E.C.

L F O R D, W I L L I A M S, A N D C O.,
COPPER ORE WHARFINGERS,

METAL AND GENERAL COMMISSION AGENTS, SWANSEA.

THOMAS MOLYNEUX AND CO.
(Late Leigh, Molyney, and Co.),
MINE AGENTS, SHAREBROKERS, AND GENERAL COMMISSION AGENTS,
26, FRINCESS STREET, MANCHESTER.

T HOMAS MOLYNEUX AND CO.
(Late Leigh, Molyneux, and Co.),
MINE AGENTS, SHARBERGKERS, AND GENERAL COMMISSION AGENTS,
28, PRINCESS STREET, MANCHESTER.

NOTICE.—MR. JAMES LEIGH, of 4, UPPER PLYMOUTH GROVE, MAN-CHESTER, has NO LONGER ANY INTEREST in the FIRM of LEIGH, MOLY-NEUX, AND CO., 28, PRINCESS STREET, nor will THOMAS MOLYNEUX AND CO. be ANSWERABLE for ANY DEBT or CONTRACT ENTERED INTO by JAMES LEIGH, either in his own mains or the name of Leigh, Melyneux, and Co.

MANCHESTER.

MR. W. HANNAM, MINING, SLATE QUARRYING, INSURANCE, AND GENERAL SHAREBROKER, ROYAL INSURANCE BUILDINGS, KING STREET, MANCHESTER. A Monthly Investment Circular on application.

Original Gorrespondence.

THE ROCK-BORING MACHINES.

THE ROCK-BORING MACHINES.

Sin,—The exhibition of the rock-boring machine by Mr. E. S. Crease, and the prominent notice thereof at the Royal Cornwall Polytechnic Society's exhibition, and in the Journal, has but just been brought under my motice, and I take this first opportunity to state that the machine, as described in the Journal of Sept. 17, is my own invention, and that I completed a machine as described previous to June, 1863. I have since then driven 8 fms. 4 ft., in 67 stems, at the Dolwen Mine, Cardiganshire, at less than the usual labour cost, before April, 1864. A drawing of the machine was furnished to Mr. Twite, and some notice given of it at the Royal Polytechnic Society's meeting in 1863. How, then, Mr. Crease can claim to be considered the inventor I cannot understand, as I am able to prove that every movement of the machine, except the motion for turning the borer and feeding, was invented by me, and seen by Mr. Crease, months before he began the one he has now obtained a silver medal for as the inventor. I await Mr. Crease's reply, as I have much more to say on the subject, and I challenge Mr. Crease to refute the statement here made. I am prepared to forward the machine in question to the Royal Cornwall Society any day, which, with proof of the time it was made, will fully establish my claim to the prize obtained by Mr. Crease.

I may add, that a specification and drawing were sent to Mr. Charles Twite, who, with Lord Kinnaird and the other members of the Royal Mines Commission, witnessed a trial on a block of stone, and made a most minute examination and investigation of its merits, of which they expressed themselves fully satisfied, and made a special report of the same (of which I will get Lord Kinnaird to furnish you a copy), on July 9, 1865.

Vigra and Clogau Mine, Oct. 4.

POPE'S STONE AND MINERAL BREAKER.

POPE'S STONE AND MINERAL BREAKER.

POPE'S STONE AND MINERAL BREAKER.

Sir,—Having attended at the manufactory of Mr. Pope, on Saturslay last, to witness some experiments with one of his small machines, several pieces of copper slag, about 5 by 8 inches (which had previously been tried to be broken by a Cornish crusher, without any impression being made upon it further than just chipping it here and there), was broken down to pieces of about the size of road stone, at the rate of about 10 or 12 tons per day. We then tried some very hard stone from the black rock in this neighbourhood; of this I should say from 15 to 20 tons per day may be broken. Some limestone was then put in, which was reduced at about from 25 to 30 tons per day; this was done with one of Mr. Pope's small machines—size, 8 in. by 5 in.; length over all, 4 ft.; width, 2 ft. 8 in.; height, 3 ft. 8 in., and weighing about 1 ton. I shall shortly have the opportunity of sending you the result of a trial of one of his larger machines; and with regard to the simplicity of its construction, I believe it to be by far superior to any other that I have seen, whilst its cheapness renders it the most economical. It may be here necessary to say something about the mechanism: its chief points being that the movable jaw is moved by an eccentric, attached to a revolving shaft, and working against an antifriction roller at the back of the jaw, which is worked on a spindle at top, and the eccentric being cast in a chill on its wearing face, it is not so likely to get out of order.—Bridge-street, Bristol, Oct. 6. W. T. RAWLE.

THE TIN TRADE.

Sin,—It was remarked in last week's Journal that there have been several circumstances tending to unsettle the market for tin, and it was "hoped that their effect would be but temporary." Now, although I heartily join in that hope, I do not see any grounds for the supposition—neither tin nor copper are at all likely to remain permanently higher than at present for some time to come, so that it would be far better for miners and mine adventurers to base their calculations of probable profits on existing prices, and turn their attention to the obtaining of the produce in a more economic manner. The increase in the export of tin during the first eight months of the present year was only about 170 tons, worth 17,024L, whilst copper showed an actual decrease of nearly 4500 tons, worth no less than 444,846L; and in both cases the supply is continually increasing, whilst the demand either remains stationary or declines. There was an actual increase in the quantity of metallic tin produced in 1863, as compared with the preceding year, of 1530 tons, worth 387,486L; hence whilst we are increasing our sales to the extent of 170 tons, and 17,024L, in eight months, our supply increases to the extent of 1020 tons, worth 258,324L; or, in other words, we are augmenting our stock of tin precisely six times as rapidly as we ought to, and nothing can justify the anticipation of an advance whilst this state of things continues.

The position of copper is still worse, our demand decreasing at the rate

whilst this state of things continues.

The position of copper is still worse, our demand decreasing at the rate of 444,846*L* in eight months, whilst our supply diminishes by only 56,422*L*, a decline which is far more than compensated for by the increased quantity of copper ore imported. The only remedy for the present unsatisfactory position of the copper and tin trades is for the British capitalists entirely to stop the supply of money for working foreign mines, and devote all their energies at home. The working of German, South American, and other foreign mines, whilst they yield no profit to the English shareholder, has the effect of so flooding the market with ore, that even English mines, which would yield profits, are materially prejudiced. Let the supplying of funds to foreign mines be stopped, and prosperity will return.

D. R.

ENGLAND'S MINING SCHOOL-No. XII.

MR. N. ENNOR'S VIEWS ON THE FORMATION OF GRANITE.

MR. N. ENNOR'S VIEWS ON THE FORMATION OF GRANITE.

Sin,—In my last letter I finished my theory on Coals, for the present. Before I take up Granite, I have to notice and call attention to a very material point, which is that the land we now live on is not the same as that on which the inhabitants of the world before the flood lived on. The land we inhabit they never saw, the land we see gives us clear proofs of this. The ancient land, with all its inhabitants and all their works, was engulfed in the ocean; it is useless for man now to search for any of their remaining relics, they will not be found. No professional man need make shells his god. To discover this, he ought to have discovered long since that nothing but shells, and fish, and water animals can be found on the present earth. He has them all handed down to him as living evidences, swen to the tops of the high hills, that the world was turned over, and we present earth. He has them all handed down to him as living evidences, even to the tops of the high hills, that the world was turned over, and we have only the one sea bottom to inhabit. I ask them to disprove this. It is fabulous nensense for any man to tell us all the hills that contain the relies of the once occan have been tilted up since the deluge. We have no hint of such a thing ever occurring since the deluge. We have no hint of such a thing ever occurring since the deluge. What proof is left for us, either by tradition or any inspired writer? I say, everything on the face of Nature goes to prove that man now is not on the same land as man was before the flood; this appears to be all but lost sight of by the earth's present inhabitants. My theory, I may say, is all but a new one; still, I believe it is a correct view of the world's position, and I shall carry out my views in my letter, so as to open a wide and, I believe, the true field for argument.

In taking up granite, I first notice that granite, like coal, is a secondary rock, and formed from the ocean's precipitate, where it crystallises and forms rocks, as coals do. The principle and the action are nearly the same as in the formation of coal. I have no ticed before that I believe all substances originated from gases. The real difference between all substances in bodies, whether rocks, mineral, vegetable, or animal matter to compounds, is but little, and that but triding; changes occur from the variation of a

upounds, is but little, and that but trifling; changes occur from the variation of a w parts in combination. I have also noticed that all rocks above the sea level average ro-thirds silica. Judging from the quantity of silica we see thrown off from the interor, we have grounds to suppose that the interior contains far more. I suppose the inrior to be a mass of rocks, and all of nearly the same compound, and that man now in
interior never saw primitive rock. What man sees are all working rocks, that are unregoing changes necessary to support nature. Men before the deluge might have seen
imitive rocks, much like the working rock, commonly called graphic. few parts in combination. It rior, we have grounds to suppose that the interior contains far inner. I suppose the interior to be a mass of rocks, and all of nearly the same compound, and that mas now in existence never saw primitive rock. What man sees are all working rocks, that are undergoing changes necessary to support nature. Men before the deluge might have seen primitive rocks, much like the working rock, commonly called granite. See the variety of rocks of a granitic character wrongfully called granite, which are known to be a compound of substances varying much from each other. Where all the rocks called granite primitive, they would be formed of nearly the same constituents. This is not the case. Granite is, like every other rock, found to change in a mile, or even in a hundred Syards; this goes to prove that it is a rock working under the same law as every other rock known. I am not satisfied that any of our so called clentific chemists have given us turne assays as to the different constituents of granite in different localities in Cornwall. I know from sight they vary much. The growan of Cornwall is chiefly disintegrated quarts, and the china-clay stratum near St. Austell is disintegrated faispar. I amy say there are over ten varieties of granite in Cornwall and Devon; there are also many varieties of relayar, mica, and schorl; these should be carefully analyzed, as any substance overcharged with potash is not congenial to the growth of even tin ore.

I notice that Mr. Pearce, of the Mining School, has made a move in the right direction on these subjects; I hope he will follow it up, as it is the most essential point to master. Cornish granite about productive locks we must feel convinced that there are natural laws prevailing in the earth; he should never rest satisfied until he has found them; many of these laws appear to be within the grasp of man, then why neglect to discover them? I mention these subjects to draw men's attention. This masters but little in my describing as to how granite is formed, or what is Lieutericty,

few well-called-for remarks on the men who came forth at Baih to fight the great battle so long waged between the Theorists and the Practicals—or, in other words, between common sense and trumpery fooleys. There were men pressess who ongst to have been the leading men of the universal world, men of supposed learning, talent, and title, men that should have been the true guides to science; then what was the result of the meethat should have been the true guides to science; then what was the result of the meethat should have been the true guides to science; then what was the result of the meethat should have been the true guides to science; then what was the result of the meethat should have a side of the services, that have aided them with thirty millions sterling of mineral produce annually. Then why wage war of extermination against them? Over forty thousand have aiready left Engiand's shores to fight for and aid our fees against us.

Well, these men met by appointment at Bath, with a full determination to carry everything before them, not in their old and usual way of fighting, but they had actually stole a march on the lying Yanker, and brought up guns to fire the new long shot. They then called in gunner Phillips against us, who is said to have caught a glimps of Yankee fighting with their long shots, wadded with lies. He took position, and did not hesitate, but at once, without giving notice, fired the newly-invented long shot at us; and long it was, for the first shot fired, said to have been inventee by Prof. Thomson, was ninety-eight millions of years long, and a most terrific shot it was; we thought it sufficient to close heaven and carth. But he was not content with that shot, he got a second, in wented by Prof. Haughton, one thousand and eighten millions of years long. This, all may suppose, caused most men present to stand aghast, but a few old dupes did mumble only." It has a wonderful length, where could they have got the materials from tomake it." in the midstor this stupor, hang went a great gun

this shot was certainty more amounting than damaging. These classes out it is, an experiment of the state of grantic there is generally a fluor-spar, which is evidence that lime has crept in; but I seldom see fluor-spar abound in a good tin lode—that is, about a good deposit of tin. Here to me is the grand secret as to why the grantices of Scotland, Ireland, and Wales do not produce tin; I say nearly all of them are charged with lines substances, in which tin will not thrive. Lead, copper, and most other metallic substances will. Lead, sil-Here to me is the grand secret as to why the granites of Sociand, Ireland, and Wales do not produce tin; I say nearly all of them are charged with lines substances, in which tin will not thrive. Lead, copper, and most other metallic substances will. Lead, silver, calamine, and zloo will not live in in granite. I admit that there are granites which contain but very little lime, but they are not of the same contingents as the Cornish or tin granites; they should not be classed as such. I have given my opinion broadly on this subject, and now leave it to our scientific school teachers and chemists to learn what they ought to have known 50 years since. Where are Messrs. Fox, Hunt, and W. Smyth? I have called at their School for the past two months, but neither of them are to be found to answer me on these points. I think this enough to arouse professionals, and school teachers, and German guides, so freely lavished on us, hoping they will not leave the Cornish miner another 50 years without an analysis of every granite hill in Cornwall and Devon, and also what it is about every productive lode. I think Cornish and Devon granite runs about north-east, and at Likecard it has a cross-bar, and again at the east end of Dartmoor. I have said before that I believe granite, and all mountain ridges, were formed in the seas and under the run of idea; these two bars may be brought against my views. This I do not object to, but I will give my argument in its favour, noticing it is quite possible for two cross-tides to have acted at these points and have formed these bars. Two tides meeting would have caused such an occurrence; we see the same thing occurring in our day. I have noticed another rather extraordinary thing that might have caused these arems to form on the east end of this granite. The north and south Exmouth lode, a day in places hundreds of feet wide; beyond this no granite is formed. The granite here throws out two arms for many miles in length, as though it could not master this clay. Then, again, at Bicton Woo

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forming even in the sea, as they had only to master falspar and schert; it was sean, or any other substances, had a greater affinity for silica than falspar it was sean, or any other substances, had a greater affinity for silica than falspar it was sean, or any other substances are forming. Gradus is not thought forming on its own basis, it appears never to interieve of form and the substances are forming. Gradus is not thought forming on its own basis, it appears never to interieve of form and the substances are forming. The substances are forming formed in the sea, and it is that sufficient to stop the formation of any rock—in fact, I can see a substance every patch as the tide ebbed and flowed over them drew down what the water as every patch as the tide ebbed and flowed over them drew down what the water as tailed to form their own kindred. I before said, I believe they worked as flough by were it so many vats. Who will argue that granite is not now forming in the sea substances. I have there is a substance of the sea must form a rails. I had not substance of the sea must form a rails. I had not substance of the sea must form a rails. I had not substance of the sea must form a rails. I had not substance of the sea must form a rails, and it he waste is decomposed granite and vegetable matter, all patch of silics, while the sea of the sea o forming even in the sea, as they had only to master felspar and s any other substances, had a greater affinity for silica than felspar

nem of wisdom and beauty.

I shall, in future letters, gain refer to many other rocks and their forms

MINERAL DEPOSITS OF CARMARTHENSHIRE.

MINERAL DEPOSITS OF CARMARTHENSHIRE.

Sir,—I did not think of troubling you again, had I not been obliged by do so in consequence of there having been so many articles of late writing on this subject. I now take the opportunity of writing in my own defence, and with the hope of supporting those gentlemen who have been so liberal as to assist the proprietor of the lands in opening this mineral property; and, as I have inspected this mine and reported on it, I can by no mease let the subject drop, as the letters of Capt. Waters, "J. A. T.," and "H." compelint, a man of truth, to come forth in the open field, and prove that my report is founded a fact. First, I will call your readers' attention to my report, which appeared in the Jonal of July 9, in which I conteavoured to describe the nature of he lodes and the copsistion of the rock in which those lodes are embedded, which I contead the copsistion of the rock in which those lodes are embedded, which I contead the copsistion of the rock in which hose lodes are embedded, which I contead it is settled. Capt. Waters to Mr. Hopgood, in which he states things that are contrary to comose sense, as he says he has not been within four miles of the mine, and advises Mr. Hopgood not to Invest in it; but he cannot say whether it is in the metalliferous mage is not, which I contend it is. Capt. Waters, with a map in his hand, ought to have been decided on that point, as every mine-agent ought not only to have one in his hand, is one in his brains. I cannot understand his treatment towards the proprietor of the last, as professing to be a friend of his; neither do I understand he import of his latter in the manner he wrote Mr. Hopgood respecting myself. I now ask him as a man tomat me fairly on the field of discussion, and I am prepared to prove to him and the mining world that the Taibach set its second to none in Carmarthenshire, and that it contain in itself all the elements of success, as there are to be found on the lands of W. G. 8.7. four large and well-defined east an

CARMARTHEN MINERAL DEPOSITS-TAIBACH MINE.

CARMARTHEN MINERAL DEPOSITS—TAIBACH MINE. SII,—We the undersigned consider it our duty towards the proprietor of the Taiback sett to give our unqualified contradiction to the following statement contained in the letter which appeared in the Journal of Sept. 24, signed "II.":—"These local contributions failed because the results were not satisfactory." to the foregoing, we rejut that the results were highly satisfactory, taking into consideration the improved instance in the satisfactory of the sections obtained, and as shown by the specimens lately forwarded to your offset ist, as hand-labour was no longer of any avail in further testing the locks blow the shaliw depth airendy attained by means of the adit level, from which the water was drained, and sectually ran off to the surface rivulet, we thought, under these circumstators, and properly developed.

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Ancient Mining Machinery.—An ancient mining wheel, upwards of 20 ft. diameter and 1 ft. 6 in. breast, of considerable interest to mining antiquaries, has recently been exhibited at the Academy of Arts et Mêter, at Paris, by Mr. A. Sanson, who reports that it was discovered in a traguese mine, and was doubtless employed by the Romans to raise water in the option of draining the mine. It is well known that the hydraulic works of the Romans surpassed in extent any of those of modern times. As that great people had not the sof either steel or gunpowder, they were sometimes obliged to raise water over a lead where modern engineers would carry it right through. In some of the mines of Sa Domingos they make addit levels nearly three miles in length, but in some places the write was raised by wheels to carry it over rocks that crossed the drift. Eight of these wheel have recently been discovered by the miners who are now working the same old mise. These wheels are made of wood—the arms and falloes of pine, and the axle and its apposed that these wheels cannot be less than 1450 years old, and the wood is in a perfect state of preservation, owing to its immersion in water charged with the salts of copper and from. From their position and construction these wheels are presumed to have been worked as treadmills, by men standing with naked feet upon one side. The water was raised by one wheel into a basin, from which it was elevated another stage by the scoon wheels, and so on for eight stages.

TREATMENT OF AURIFEROUS ORES.—As every proposition for the convention of the stages. ANCIENT MINING MACHINERY.—An ancient mining wheel, upwards of

TREATMENT OF AURIFEROUS ORES.—As every proposition for the eco-omic extraction of gold from the matrix which contains it is at the prenomic extraction of gold from the matrix which contains it is at the present time particularly interesting, we subjoin a description from the Scientific American of the chloration process, which is founded upon the convertibility of gold into a chloride by the agency of chlorine gas, and the soliability of this chloride in water. The palverised and wated ore, which contains the gold in is metallic state, is put moist into vessels with perforated false bottoms, under which chlorine gas, carefully freed by washing from any admixture of hydrochloric acid, is intriduced. Percolating upwards through the ore, the gas converts the gold into chloride of gold. As soon as the free chlorine begins to escape above the supply of gold is stopped, and the soluble chloride of gold extracted by leaching the ore with warm water. Its solution is then collected in suitable vessels, and the gold (after the free chlorine yet maining has been expelled by heat) is precipitated, either in the form of a sulphure by means of sulphureted hydrogen, or in the metallic state (as a brown power) by the means of sulphureted hydrogen, or in the metallic state (as a brown power) by the addition of sulphate of the percycle of iron. Instead of chlorine gas, water perspective and the sulphication. From a pecuniary point of view, its applicability depends greatly acquired the supplications. The presence of large quantities of baser metals in the ore, especially copper ore (which is the case in Colorado ores), causes great waste of the expectation of chlorine and an acquired the secured. The ingredients used for the production of chloride before the gold can be secured. The ingredients used for the production of chloride before the gold can be secured. The ingredients used for the production of chlorine are sulphure sed, the converse of the conver sent time particularly interesting, we subjoin a description from the Science American of the chloration process, which is founded upon the Sci

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repents are produced, from which, by higher oxidation, sulphuric acid is formed? a sull-satisf country, where metallurgy was an established profession, it would insulate the mentiored folly to desulphuric sportic cres, and not turn the sulphuric vapour and the manufacture of sulphuric acid, but it would be equal folly to attempt present its the manufacture of sulphuric acid, but it would be equal folly to attempt as a thing at this early day in the territory of Colorado. If the costliness of leaden is a thing at this early day in the territory of Colorado. If the costliness of leaden to substitute the success of such an undertaking appears problematical. These size is to second, the success of such an undertaking appears problematical. These seconds of coloration in Colorado; but the gravest objection to its use is the invitable secrifice of health and life entailed upon those who engage in it. It will spretically impossible to protect the workmen in any extended operations under this posses from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poisonous effect which is produced in the human system by the inhamous from the poison from the poisonous effect which is produced in the human system by the inhamous from the poison from the poison

ON THE THERMAL WATERS OF THE CLIFFORD AMALGAMATED MINES, CORNWALL.

ST WARINGTON SMITH, M.A., F.R.S., SEC. G.S., CHIEF INSPECTOR OF CHOWN MINES.

The attention of the British Association has been called by Sir Charles The attention of the British Association has been called by Sir Charles Lyell to the phenomenon of springs of water at a very high temperature, which were discovered a few years ago in one of the deepest of the Cornish copper mines. Prof. Miller's recent investigations have proved in those waters the existence of the new metal cessium, and of an unexampled provided the property of the versus metals, likely and of an unexampled proraters in examine or the rarer metals, lithium, now coming into use as a satisfied each thus added a fresh interest to a topic of high scientific

portion of another of the rarer metals, lithium, now coming into use as a medicine, and have thus added a fresh interest to a topic of high scientific importance.

In the neighbourhood of Redruth, and situated mostly in the parish of Gwennap, is a district equally remarkable for the high temperature of its deep mine-workings, and for the enormous value of the copper ores attacted from them within the last half century. The constituent rock of this region, is notly the clay-slate, or killas, which, abuting against the grantite dome of Caro is notly the clay-slate, or killas, which, abuting against the grantite dome of Caro is notly the clay-slate, or killas, which, abuting against the grantite dome of Caro states and the sound of the deepst most of the sound to the deepst most of the deepst most of the sound of the deepst most of the deepst most of the sound of the deepst most of the deepst mo

driven from it at the 180 matnom seven (anout 275 mms, deep), which intersected the vent is a spot about a quarter of a mile further west than the points at present in operation; and here a large feeder we will all the seven that the points at present in operation; and here a large feeder we will all the seven that the points at the points of the control of the dependence of the color of the

• It is worthy of observation that in parts of some of the deeper levels the elvan is found to form one wall of the lode, whilst killas enclose it on the opposite side; whence it is perfectly clear that the formation of the vein fissure was accompanied by a dislocation of the rocks through which it passes.

ANALYSIS OF A HOT SPRING IN CLIFFORD AMALGAMATED MINES.

BY PROF. W. A. MILLER, M.D., VICE-PRESIDENT R.S.

For the water with which the following analyses were made I am indebted to the courtesy of Mr. Horton Davey, who, at the request of Sir C. Lyell, forwarded it to me in London. This hot spring is the most abundant source of lithia at present known, the proportion of this salt per gallon being eight or ten times as great as that of any spring hitherto examined. The quantity of chloride of lithium furnished by it, taking its flow at 150 gallons per minute, at which it was roughly calculated by Mr. H. Davey, and the amount of chloride of lithium at 26 grains per gallon, would not be less than 800 lbs. in the 24 hours. The existence of cæsium in quantity somewhat considerable for an element hitherto so rare adds to the interest with which this water will be regarded. I have not as yet attained to the settimate the amount of easium contained in the water. Lithium has been in some cases employed medicinally, but its high price has hitherto restricted its use. The discovery of a new and practically inexhaustible source of supply will, therefore,

Consisting of-	Grains.
Chloride of potassium with a little chloride of casium	14.84
Chloride of lithium	26.05
Chloride of sodium	363-61
Chloride of magnesium	8-86
Chloride of calcium	
Sulphate of calcium	12-27
Silica	3.65
Total	Cubic inch
In 1 imperial gallon the gases amounted to	
	1.89
Carbonic acid	second A Co
Carbonic acid Oxygen Nitrogen	1.72

FOREIGN MINING AND METALLURGY.

winter usually commences, improves in no respect the position of industrials. The advises from Charlerol state that tolerably sustained orders can still be secured only at very feeble rates. The Trieu-Kaisin Colliery Company concluded a contract a few days ago for 12,000 tons of gallietteries to be furnished to the hospitals of Paris. At Lifege coal remains stationary; but the enjoyment of a new outlet is shortly hoped for. Thus, dating from Jan. 1, 1865, the import duties levied on the admission of coal into Prussia, which are about 2s. per ton, will be reduced to one-fourth, and will be completely suppressed in 1865. Thanks to the monopoly which they enjoy, the collieries in the neighbourhood of Aix-la-Chapelle make consumers pay very dearly for coal, and it is expected that a certain district bordering on the Belgian frontier will be glad to receive Belgian combustible. From Mons a fair amount of activity is reported, and the stocks on hand have been sensibly diminished; they still amount, however, to about 2,000,000 hectolitres. Freights are rather high, and boats have made default to some alight extent during the last few days. On the railways, also, there is an insufficiency of plant; but this state of affairs appears frequently at certain periods of pressure. Notwithstanding the animation which has prevailed at Mons, quotations remain feable. During the first seven months of 1864 the deliveries of coal and coke from the Couchant de Mons have been 1,575,665 tons, against 1,492,169 tons in the corresponding period of 1863.

There has heen no important movement in the foreign copper markets. At Paris, however, prices have been tending downwards, English having been quoted at 964. 8s.; United States, Lake Superior, at 1084.; Chillian, at 884.; and Corocoro mineral, at 924. per ton. At Havre rather sustained sales have taken place of Chillan, in bars, at 871. to 871. 10s. per ton, at which latter price the demand continues. A lot of 5 tons of old copper of recent importation has also realised by the high pric

quence of the unfavourable advices received from abroad, prices have displayed a downward tendency at Hamburg. Cologne and Steitin show no change. At Paris previous rates for lead have been maintained, without change. At Rotterdam, Stolberg lead is a little more offered, at 11g fs.; other descriptions without change. The Cologne market has been heavy, and at Hamburg there has been comparatively little enquiry, the news received from Transatiantic countries not being calculated to encourage operations of any importance; cales have been confined to small lots, to meet the requirements of consumption. At Bertin, Transwitz lead has been held well. The situation of the zinc trade is less favourable; in presence of the high rate of discount, speculation, which had maintained the market for several months, and given it an exceptional activity, has become nearly impossible. For several days past a persistent calm has prevailed upon the principal German markets, and prices have been generally established in favour of gurchasers. Rough Silesian zinc has been held nominally at Paris at 25t. Se. per ton. Affairs have been nearly sif at Hamburg, and prices have been mominal.

Meetings of Mining Companies.

BEARIZ TIN STREAMING COMPANY.

A special general meeting of shareholders was held at the offices, Sise-ne, on Tuesday,—Mr. Edward Henry Pember in the chair. Mr. Alex. Strachan (the secretary) having read the notice convening

A special general meeting of shareholders was held at the offices, Siselane, on Tuesday,—Mr. EDWARD HENRY PERMIER in the chair.

Mr. ALEX, STRACIAN (the secretary) having read the notice convening the meeting.

The CHAIRMAN said the present adjourned meeting was simply for the purpose of taking into consideration the most expedient means to be adopted for the raining of capital adequate for the further development of the mines. As shareholders were a ware, it was decided at the last meeting that the mines should be carried on, and, that capital could be raised. The directors had carefully deliberated upon the question, and it was clear to them that one of two alternatives must be adopted. The first alternatives was borrow money, which, in the present state of the money market, was required to the conditions upon which the last new shares defect such an attention which regard to the conditions upon which the last new shares defect such an attention which regard to the conditions upon which the last new shares defect such an attention which regard to the conditions upon which the last new shares defect such an attention which regard to the conditions upon which the last new shares defect such an attention which regard to the conditions upon which the last new shares defect such an attention which regard to the conditions upon which the last new shares are such advantage as to render them attendive, yet, on the other hand, it was the dairy of the directors to take care not to go so far as to make the original shares comparatively valuesless. It would be very injudicions for the directors to propose a ward of the presental dividend any presentation of the state of the condition of the safety of the directors to take care on the condition of the safety of the condition of the safety of the directors to take any such a proposition, but the bard and thought whether it would not be advisable to increase the amount of the presentatial dividend agreed to be paid the condition of the safety of the condition of the safety

LINARES LEAD MINING COMPANY.

LINARES LEAD MINING COMPANY.

The half-yearly general meeting of shareholders was held at the offices, Queen-street-place, on Thursday,—Mr. Charles Morris in the chair.

Mr. J. B. Cologan (the secretary) read the notice convening the meeting, and the minutes of the last were approved.

The report of the directors stated that the profit for the half-year ending June 30 last is 45944. 10s. 1d., being an increase upon the previous aix months of 5321, 12s. 11d. The quantity of ore raised during the same period is larger by 223 tons than that raised during the previous six months, and the general expenditure has been diminished by 4291. 16s. 3d. The price of lead, which during the early part of the year rose to 211, 10s., has again fallen considerably, which has affected the profits of the half-year. The pumping-engine, which was removed from the Pozo Ancho to Warne's shaft, has been effectually repaired and re-crected, and is now at work; it is expected that the whole of the western part of the uline will very soon be brought into profitable returns. The railway between Cordova and Malaga will be opened for traffic in January, and good progress is a being made with the line between Cordova and Linares, though it will not be completed so rapidly as was expected. The demand for labourers still continues, and a great scarcity of hands has been felt, consequently higher wages have to be paid for all labour required at the mines. Great expectations of the present harvest were entertained and a considerable reduction in the price of bariey confidently expected. The directors regret to say that, what with the bariey not having filled well, and the exorbitant wages paid by the farmers for harvest labour, the price will continues high throughout the district. This must influence the cost of carriage of lead by carts unfavourably during the coming winter. The superintendent at Cordova was, however, forturate enough to secure a very large quantity for the use of that establishment at prices very much lower than those at prese

is entirely completed a great saving in the cost of carriage may be expected, and the directors trust they may be able to announce this event at the next half-pearly meeting. The Chairman moved the adoption of the report and accounts, and stated that he wished to call attention to one of two points referred to in the report. He might mention, in the first place, that he occupied the chair upon the present occasion in consequence of the unavoidable absence of Mr. Croable. Since the last meeting he did not know that there had occurred any particular feature—no great progress in any department having been made, continuing pretty much in the same state as at the last meeting. It was true the reserves were somewhat less, but, on the other hand, the prospecting. It was true the reserves were somewhat less, but, on the other hand, the prospection were somewhat improved. Another feature was the probability of the railway being opened. When even opened to Cordova, it would reduce the expenditure of carriage by about 25s, per ton, which would, of course, very materially increase their profits; and when the railway was opened from the mine to Alicante, they might look forward to a further reduction, because then one railway would be set against the other, which would be productive of a little healthy competition. The price of labour continued very high, but there seemed reason to hope that during the next six months it would not range at so high a rate. — Mr. PALGRANY seconded the motion for the adoption of the report.— Mr. HENTY enquired if it were probable that another divividend would be declared during the earth of the motion of the adoption of the report.— Mr. HENTY enquired if it were probable that another divividend would be declared during the accounts. Referring to the mine, he stated that near the deepest engine-shaft the two veins, but at any rate into three very distinct veins, and dividend would be declared during the accounts. Referring to the mine, he stated that near the deepest engine-shaft the two veins,

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rich at more than double the depth of Linares. The rock was granite, and there was no geological reason why the vein should not be as rich at even 10 fms. below the present point of operations. The mine was abundantly supplied with machinery. To the westward from the engine-shaft there had been for a long time a magnificant course of ore, and there was a great quantity yet to be raised. Croshel's shaft had lately been repaired, and the ooi engine that stood on the main shaft was now provided with abundant power, and in that level they hoped to open some very fine ground. The hyper levels were for the moment poor, but the vein was there for a considerable extent, and in that direction they might hope for good returns. Since the last meeting the agents of the mine had strongly recommended that the mine should be worked in three sections. Taylor's shaft was situated very well for working the eastern section, and the agents or the mine had strongly recommended that the mine should be worked in three sections. Taylor's shaft was situated very well for working the eastern section, and the agents recommended that that shaft should be opened, and that another engine should be provided for it, so that one of the present engines should be altered and repaired. The object in view in working the mine in three sections simultaneously was to keep up the returns to such a standard as to give a profit. If the poturns fell below 350 tons per month the chances of making a profit were but smail, and the plan proposed, he thought, would effect that for a series of years. The mine was now working profitally, and ground was being opened as fast as practicable with the means at command.

M.F. W. COX, M.P., having seconded the motion for the adoption of the report and accounts, it was put and carried unanimously.

A vote of thanks to the Chairman and directors terminated the proceedings.

FORTUNA MINING COMPANY (LIMITED).

The half-yearly general meeting of shareholders was held at the offices of the company, Queen-street-place, on Thursday,
Mr. CHARLES MORRIS in the chair.

of the company, Queen-street-place, on Thursday,
Mr. J. B. COLOGAN (the secretary) read the notice convening the meeting, and the minutes of the last were approved.

The report of the directors stated that the reports of the resident agents encouraged the directors to look for larger returns and better results as the mines are gradually opened out more fully. The profits on the half-year of 5244f, show an increase on the previous six months. The quantity of ore raised has also been increased by 300 tons. The reserves of ore have somewhat diminished in the Canada Incosa Mine, and have again slightly increased in Loo Salidos Mine, but the total still shows a large quantity. The increase of capital created by the loan of 15,000f, has enabled the directors to carry on the works of the mine with more energy, and to obtain better results. They have been enabled to pay another dividend of 2s, per share, which was received in June last, and a third dividend will be paid before the end of the year. They have also invested 1000f. from the amount now standing to the credit of the reserved fund. This investment will be periodically and regularly increased for the purpose of paying of the debentures as they fall due. The price of lead, which was at one time 21f, 10s, per ton, has subsequently declined considerably. These large fluctuations in the price of the produce must of necessity affect the profits. Large sales were made at the higher price, but the directors have been compelled to make other sales at the present low price. The great demand for labourers in the Linares district still continue; tis impossible to say, but it is hoped that some reduction may take place when the railroads are complete, when a great saving in the rates of carriage may be looked for. The machinery is now in good working condition, and will shortly be added to, for the purpose of dredging up the ores in the halvans, or refuse. Nothing is now wanting at these mines to reader them much more profitable than cheaper labour, and a better price for

then much more profitable than cheaper labour, and a better price for the produce, and these two important elements towards success are, unfortunately, beyond the control of those who conduct the affairs of the company.

The Charmada, having moved the adoption of the report, congratulated the share-holders upon the continued prosperity of the mine. He did not know there was a single feature upon which he could not congratulate them, unless it were that the reserves had failen off to a small extent, to the amount (say) of 1300t; but, on the either hand, while their expenditure had considerably increased during the last aix months by the greater amount of exploratory work carried on, yet the profits were in excess of those realised during the previous six months. The satisfactory feature in connection with their property was that sufficient ore had been iaid open to return the whole of the capital that had been expended upon it. In other words, if they sold the mine to—morrow it would realise more than the company's capital, there being 13,000 tons of ore laid open, for which people could be found who would give for it 4t, per ton. The arrangement made with the shareholders for the increase of capital was very satisfactory, and it was a very good arrangement, seeing the high price of money, and they were very successful in carrying it out in the way they did. The railway from Cordova to Maiaga was likely to be opened in the course of the present year, and in a short time after from the mine to Alicante, which would give the company's another shipping port. When these railways were completed the Fortuna Company would, no doubt, effect a saving in carriage of about 28e, to 30s, per ton. These were features that were very invourable for the future properly of the company. (Hear, hear).

Mr. W. Cox, M.P., seconded the proposition for the reception and adoption of the report. He congratulated the directors and shareholders upon the fact that it was proposed to the reserve fund. He made these observations because some

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING. The Mining Share Market continues inactive, and the preponderance of sales has give depressing tendency to present business. Still, independent of the open market, thet wave been numerous transactions, where better prices have been obtained, and fair or

The Mining Share Market continues inactive, and the preponderance of sales has given a depressing tendency to present business. Still, independent of the open market, there have been numerous transactions, where better prices have been obtained, and fair enquiries are being made, which are likely to lead to more general business.

DEVON GREAT CONSOLS have been sought for under quoted figures.—West Seron and Wheal Seron have been rather quiet, but no marked change has taken place in prices.—CLIFFORDS have been rather quiet, but no marked change has taken place in prices.—A minimum reason and the place in prices.—CLIFFORDS have been rather largely dealt in, but some fluctuations have followed.—Tinggoffs and freely offered.—East Cairs Breas are enquired for, at lower rates.—CLAR CAMEDINES have been fall the business.—A marked have changed hands at minimum prices.—East Genevilles have been daily dealt in, but prices have varied.—Wheal Green while the same prices.—SOUTH Frances have changed hands at minimum prices.—East Green the same prices.—GRASHLER and East Grashler have changed hands.—NORTH TRESKERBYS have been remarkably quiet, and freely offered at lower rates.—ORNHI CROPTY and NORTH ROSKEAR are more than ordinarily dull.—NORTH Downs have been in request, at minimum rates.—WHEAL UNS have changed hands, consequent on a reported improvement.—GREAT WHEAL BUSY and East ROSKEAR are offered dower.—CHIVERTORS are also quiet, and more freely offered.—GREAT LAXYS maintain their prices, with strong buyers, at lower figures.—A demand for SOUTH CONDURROWS have been and continue quiet.—West Lovelles have been more freely offered, but left off firmer.—GREAT WHEAL FORTURES have been more freely offered, but left off firmer.—GREAT WHEAL FORTURES have been more freely offered, but left off firmer.—GREAT WHEAL FORTURES have been sought for at buyers' prices.—New Rosswannes are in better demand, from a reported improvement in the mine.—WHEAL MAROAKETS have been done at minimum quotations of the day.—MARY ANNA are quiet for at bu

air to open up some important discovery; and a strong impression exists that it etecome a productive and permanent mine.—East Caradovs have shared in the ses of the week, but prices have fluctuated.—Marke Vallets have been done at nomerates.—West Caradous are freely offered at low prices, and a few tran-

sactions effected.

EAST CARADON.—The report received this week shows a decided improvement in the 70 east, on the caunter, as well as a more favourable change in the ends on the new lode, whilst the south lode appears to have declined in value.—Caunter Lode: The 70 east is worth 181, per fm.; 80 east, 101,; and the 80 east, 50, per fm.—New Lode: The 60 west is worth 71; 80 west, 71.; and the 80 east, 102, per fm.—North Lode: The 70 east is

whilst the south teach process. The country is worth 781, 180 west, 781, and the 80 west, 512, per fm. — New Assay: All Country worth 781, 180 west, 781, and the 80 east, 1912, per fm. — North Lode: The 70 east is worth 781, per fathom.

Kelly Bray. — The discovery recently made in the bottom of the 25 continues to improve, and from general appearance of the ends of the winze, which is 125 t. long, there is every reason to calculate on their being on the top of a great and lasting course of ore, now yielding from 18 to 20 tons of ore per fathom. Should it continue as anticipated, it will prove one of the finest courses of ore discovered in the locality for many years.

Wist Maria and Fortracce. — The chief operations here consist of three cross-cuts north from the old engine-shaft, with a view to intersect the Capel Tor lode, which is the same lode as they are working on at New Wheal Martha, about a mile further west. The ground is highly favourable for mineral, and from its proximity to Devon Consols, and other encouraging features, the probability of successful results is great.

Calstock Consols.—The lode in the back of the deep acid continues to yield the usual quantity of ore. In driving west of the cross-course, on the same lode, they are in a fine gossan, carrying a little ore, and looking highly promising, and on its junction with the centre lode will become very productive, of which there is very little doubt, from what has been proved further east. Other places continue much the same as last noticed. Oxen Ton.—The recent discovery made in the 65 and continues good; the oray part of the lode is 3 ft. wide. The ore is going back behind the level driven, and will prove an important addition to the future returns. The 50 is also turning out large quantities of ore, and the noise generally is greatly improved.

TOURER Mansu, in the parish of Beerferris, is being resumed, and will be worked for lead. It is reported that lead will very soon be raised from the lode which is about to be opened. This parish was

the numerous mines that were at one time in operation here; some thousands of miners were engaged in the development of its wealth, and on the abandonment of Tamar Consols there was not a mine at work until operations were resumed in the above.

Gawros.—The new engine-shaft is progressing very estisfactorily, and will soon be down to the depth of the old mine, when the first cross-cut will be driven to interest the lode and unwater the workings. The lode is large, and is identical with the Ohel Tor lode, separated only by the River Tamar.

Wheal Tareysma.—This mine is reported to present prospects of no ordinary character, and the progress making in developing the ground is highly satisfactory. In the seastern part of the mine the deposit is stated to be 36 ft. wide, yielding 2½ cwts. of the 100 sacks. There are two polats on which this deposit is being opened, and upwards of 2000f, worth laid open. The wastern point of operations is yielding a cwts. to the 100 sacks; they have sunk 24 ft, through it, and not yet seen the bottom. The north and south lodes are also yielding profitable work for in. The water-wheel and stamps are in coarse of erection, and large quantities of tinstuff accumulating on the Scors ready for stamping.

North Transmary.—Although there was a loss on the workings for July and August there appears to be several redeeming points, which, it is hoped, will give a different aspect to the account for September and October, to be held on December 5. There were sold on the 29th uil, capper crew which realised 16501, which exceeded the last sale yield, and a larger amount of tin yet to be sold. In driving the last 22 fms. in the 100, Tresidder's shaft, through a lode averaging 201, per fathom, they have faild open upwards of 60001, worth of ore. The lode in the present end is worth 201, per fathom, and a rise in the back is worth 301, per fathom. The 50 cast is in a very promising and improving lode. There are several other levels, looking highly encouraging, whilst the crosscuts in course of driv

the lode is large, and promises early improvement. A call of 15s. 3d. per share was made on the 3d instant.

New Rosewanks is represented to be looking remarkably well. The lode in Bickford's shaft is more than ordinarily large, worth 60l. per fathom. The lode in the 74 west and the stope are worth together 60l. per fathom. Two stopes in the back of the 67 are worth 24l. per fathom together. There are several other places looking very well and making good returns, with every prospect at present of greater improvement. Scotth Wheal Lovell.—A short time since reference was made to the prospects of this adventure, and its contiguity to some of the richest tim mines Comwall ever produced. Details could not be then given, from the length of time elapsed since the great workings here were suspended. In clearing up the oid levels and shafts sindlent has been seen to warrant the most perfect confidence in the result, as well as energy to arrive at it. The back of the adit appears to have been all taken for tin for 100 fms. in length and 12 ft. from surface. Other places afford evidences of large quantities of tin having been taken away by the ancient timers, which leaves little doubt but large and important discoveries will be made as soon as the whole has been cleared.

Darnem Minne.—A well-known and talented authority on the Cardigan Mines especially, where he has had considerable experience, referring to the extraordinary discovery recently made in the 15, or bottom, level at this mine, considers that, although they have opened on the lode for upwards of 20 feet in width, the whole of the lode has not yet been gone through, particularly in driving north. He values the lode, so far as laid open, at 60l. per fathom. This lode traverses the set for upwards of 400 fms. They are now driving towards the shaft, which, when completed to that point, will be taken away with great facility and little cost. The returns are increasing, and as soon as the operations are fully and fairly brought to bear on this extraordinary lode

From Mr. James Crowts:-During the last seven days the value of From Mr. James Crofts:—During the last seven days the value of mining shares (with some rather important exceptions) have more retrograded than improved in value, although the point at which they previously stood showed a remarkably low range of prices. The exceptions are in South Darren, Wieler Credon, New Wendons, South Conduction, Beddendard as everal others. The merits of South Darren will be found amplified lower down, whilst in Beddendard the 70 yard level has suddenly improved, and worth 10 ows. of lead ore per fm. The branches have also improved, and worth 1 ton perfathom. It is always a desideratum in the progress of working a mine to hear of lodes settling down into a produce which can be estimated at perfathom, because so long as that rate of produce continues the value of the mine is determinable by the number of fathoms which can be worked per montify and in ordinary ground the monthly produce would be very large. Of course, this information will impart a little wisdom to whoever have been desirous of selling these shares at par, when they are obviously worth double that amount, and will undoubtedly attract general attention, and speedily find their level of value. Cremon, South Conduction, and New Wendons force their way upwards on the merits of each mine, and appear to the writer quite safe as investments. Lawood Mine, at the reduced price of the original shares, may be recommended on the faith of Capt. James Richards, the managing agent of the Devon Great Consols, who boildly asserts that, as far as his judgment goes, "there is abundance of lead or in connection with the splendid indications presented at surface, and he does not believe that any more encouraging mine can possibly be seen." The engine goes to work this month, when mining operations will be commenced of with visour.

may be recommended on the faith of Capt. James Richards, the managing agent of the Devon Great Consols, who boldly asserts that, as far as his judgment goes, "there is abundance of lead ore in connection with the splendid indications presented at surface, and he does not believe that any more encouraging mine can possibly be seen." The engine goes to work this mouth, when mining operations will be commenced with vigour, the management of the concern being in first-rate hauds.

SOUTH DARINEM MINK (in 6000 shares, limited to 31. 10s., of which 31. 4s. 6d. has been paid), has been lately inspected by R. Northey, of Bwich Consols, and, upon the whole, a highly encouraging tone pervades his report, exceptions as to the condition of particular parts of the mine being admitted. In the 30 west the end is worth 301, per fathom for copper and lead, auguring well for the levels above and below. The 40 has already been driven through a lode for the levels above and below. The 40 has already been driven through a lode for the levels above and below. The 40 has already been driven through a lode for the levels above and below. The 40 has already been driven through a lode for the levels above and below. The 40 has already been driven through a lode for the levels above and below. The 40 has already been driven through a lode for the levels above and he reporter asys that "he see nothing to cause him to think otherwise than that the mine in a short period will be yielding profits to the company." The report is dated Sept. 24 last, and, according to the theory of the writer (which, in the course of time, has almost resolved itsulinto a maxim), these shares ought to be bought. The writer having applied for specia, information respecting CEFW CLUCEWs. to Mr. Hector, the manager, has received a report of which the following is an abstract:—"The end in the 50, at Susan shart, driving east, is 18 in. which, a strong masterly lode, composed of shale, spar, and blende. Thistle-field is not yet interacted, but, as the spar has greatly

thankless speculations, which are chiefly kept in existence by the support received from the "bulls" and "bears" of that market.

From Mr. Wa. Lelean:—It is gratifying to find that neither fears nor fabrications have succeeded in producing what many have been for some time anxiously looking and labouring for—a panic. Old prognostications have been revived, and we are reminded that some of the prophets who undertake to forstell what will come, to pass in the future forefold, some six months ago, that "it became quite alarming to think seriously of his future in connection with the new commercial projects daily conoceted and set affoat;" and it is suggested that "we are in some measure" seeing the verification of this apprehension, "for there has been a panic in banks, loans, and other securities, some of the former having failen from 20%, to 30%, per share;" while manufacturing and mercantile failures, in various parts of the country, are showing the rotten foundation on which much of our apparent prosperity rested. But, as "one swallow does not make a summer," so neither does the foily and the failure of a few make what can be properly called a panic. Of all the public writers who have treated of monetary and commercial topics, the Daily News has most entitled itself to the thanks of the community. Without concealing the fact that monetary establishments were being multiplied beyond the real wants of the public, that journal has constantly depreaded all exaggeration as to the probable consequences that would thence result; so that it is now in a position to look fairly and caimly at what is taking place, and to measure its extent and its gravity. With reference to the depression of bank shares, which is a cause of so much alarm to some lookers-on, the Daily News justly observes—"It is probable that some of the new banks, under the temptations of excessive competition, and under the obligation of doing something with the money received on deposit, have departed from the clear and sound maxims which have governed

ness in the future, and see their establishments grow up solid and prosperous."

The failure of the Leeds Bank has, no doubt, greatly added to the distrust which to some extent prevails; but when people get caim enough to reflect upon the fact that this was not a new bank, but a bank of many years standing, and that its failure is attributable to a system of mismanagement which has been long going on, their fears will subside, because they will see that they are groundless. A remark made by the Manshelde because they will see that they are groundless. A remark made by the Manchester Examiner, I think, is as sound as it is timely,—that whatever may be the effect of the failure of the Leeds Bank upon the feeling of the commercial world, it will be due to artificial rather than to real causes; it will act by working upon the imagination rather than upon the judgment; and it may be confidently affirmed that the causes which have led to its failure have no relation whatever to the present state of trade. It ought not to diminish our confidence in anybody not immediately implicated, unless we are prepared to maintain that, because one man is a fool, all other men must be fools likewise. The Leeds failure must be regarded as an exceptional occurrence, isolated from the general interests of trade, and possessing no significance whatever, save as illustrating the temptations incident to all places of trust, and the importance of ascertaining beforehand whether the men occupying them are endowed with brains and honestry.

What is true of a bank, or a banking company, is equally true of all other associated undertakings. If the business is a legitimate one, and the managers of it are honest and efficient, practising no concealment, and using no artifices to blind the eyes of their constituents, there is nothing in the present aspect of affairs to cause uneasiness, or to deter persons from entering into fair undertakings. Even while I am writing, there are many gratifying evidences of the aubsidence of whatever uneasiness

all the securities and shares that have been depressed. Investors are reprehensively and shares that have been depressed. Investors are recovering their confidence, and, as I have all along suggested we should do, we are finding a tendency in prices to rise. As far as it is possible to foresee occurrences which depend upon many things beyond our own control, we may, I think, confidently expect that this tendency will continue and increase. And this brings me to my off-repeated advice—buy while prices are favourable for buying. All things that are worth anything are in a fair way to reach much higher prices, and the opportunity that now presents itself should not be thrown away.

There are some exceedingly tempting mines, in which a few prices which cannot last, and I

exceedingly tempting mines, in which a few shares are to be had at not last, and I need not add that I strongly recommend them to my

friends. Amongst these, of dividend-paying mittes, are Great Laxry, Develocations, South Carados, East Darrers, Great Wheal Yor, Herogeton, Past St. Ives Cossols, West Chiveron, and East Baset. Of such mines a mally progressing towards a paying position, I would especially recommend that ably progressing towards a paying position, I would especially recommend on the Chiverton, East Payoungs, There exists, East Carry, South Darrers, North Chiverton, East Payoungs, There exists, East Carry, Aug. And Darrers; the latest reports one of this date, of several of these mines are very satisfactory. In the East Laxry in the shallow adit is increasingly promising, while the lode in the deep sit, we about 2 feet wide, presents a good appearance—a rich looking greasen, mixed we they are getting on with preparations for erecting a new 50.6, wheel between lodes, so as to command both in depth, and suitable also for crushing the ore. Great South Chiverton a shaft has been sunk on the west end 5 fms. 2, municated; thus enabling them to reach the east and west lode. Everything gos

FOREIGN MINES.

The Cobre Mining Company have received the report for Angust, which is very satisfactory. Near 500 tons had been raised from the new discoveries, and the old workings are very promising, the produce being upwards of 1400 mining ton, or weight, on the surface 1364 tons for shipment, and for smalting 721 tons.

East del. Rev.—W. Treloar, Sao Vicente, Aug. 31: Morro Sao, Vicente, Aug. 31: Morr

weight, on the surface 1364 tons for shipment, and for smelting 731 tons.

EAST DEL REY.—W. Treloar, Sao Vicente, Aug. 31: Morro San Vicente: the works are progressing satisfactority, and, considering the short time where been at work, an immense quantity of important work has been accomplished. One count of the water having been in the mine for so long a time, several scale of groad in the hanging-wall have become loose and dangerous; aoms we have reasyed, and others secured with timber. As the ground appears to be very heavy near the section. I purpose leaving a pillar of the lode standing about 8 ft, square for the sakety of the make us to commence driving a level upon the lode about 12 fms. up from the remainded to the make the commence of the mine. Several pieces of timber have been put in, and the necessary work is in had to level will be called No. 4 level west. I am making arrangements for extended. The level will be called No. 4 level west. I am making arrangements for extended a cross-cut to the lode from the lobby of the pumping-wheel in order to drain the western sink, that we may commence operations at this section also. The repairs necessary to the upper or 9-head stamps have been commenced. I am in hopes we shall soon be able to per or 9-head stamps. I shall arrange that about 12 ft, of the road near the lower of or supplying ores to either of the stamps. Of the 12-head stamps before the lower of the stamps. Of the 12-head stamps before the stamps are workable at present.—Capao Mine: A new forcing-pump has been made, and fracd at the boottom of the mine. The lode in the shaft and at the boottom of the mine, mach the same as when last reported. The lode in the end driving east of stall No. is a little sample representation, the same as when last reported. The lode in the end driving east of stall No. is a little same as when last reported. The lode in the end driving east of stall No. is a little same as when last reported. The lode in the end driving east of stall No. is a little same as when las

it in the shape of produce.

SANTA BARBARA.—Capt. Bryant, Pari, Aug. 27: The lode in the shap continues about the same size; the stone is not quite so good in appearance, yet the produce is about the same, as seen by the reduction report; the quantity of stone raised is increasing, which may be attributed to setting contract work. The lode in the stope is without alteration. In clearing out the bottoms south or the arch our progress is necessarily slow, being full of wet mud: it is spare for removing, but we expect to get it clear in the coming week, soon after which we shall commence breaking stone from this place.—Reduction Department: Stamped from shaft and bottoms from July 20 to August 20:—

1468 oits.

602 tons. Gold raised from June 20 to July 20 1011 "

New WILLDERGG.—Z. Walls, Sept. 30: The hanging part of the Gottes Hulfe tode, at the deep adit level, is not looking so well as when last reported, is now worth 10 cwts. of sliver-lead ore per lachter. The two stopes at work on the same part of the lode, 8 lachters above the back of this level, are producing for each stope about 25 cwts. of sliver-lead ore per lachter. The three stopes in the back of the deep about 25 cwts. of sliver-lead ore per lachter. The three stopes in the back of the deep about 25 cwts. of sliver-lead ore per lachter. The three stopes in the back of the deep about 35 cwts. of sliver-lead ore per lachter. The men in Beck's (No. 1) sink are employed in cutting plat at the 15 lachter level, which will be completed by the latter part of next week, a drivage will then be commenced to get into the creground standing in the bottom of Beck's Nos. 1 and 2 sinks. The two stopes at work in the back of the deep adit, on Beck's lode, are producing for each stope 15 cwts. of sliver-lead ore per lachter. The discovery on the footwall part of the Dornergang lode, at the 39 lachter level, continues to produce full 30 cwts. of sliver-lead ore per lachter; 1 hope at this point we shall lay open a good run of profitable ground. The forebreast of the drivage west, on the hanging part of this lode, continues just as last reported, worth from 15 to 20 cwts. of sliver-lead ore per lachter. The 20 driving east, on the Erbtistergang, is unproductive. We have two stopes in the back of this level, worth for each stope 25 cwts. of sliver-lead ore per lachter. The 20 driving east, on the Erbtistergang, is unproductive. We have two stopes in the back of the 10, and the same lode, are worth on an average 35 cwts. of sliver-lead ore per lachter. The 20 driving east, on the Erbtistergang lode, are worth on an average 36 cwts. of sliver-lead ore per lachter. The 20 driving east, each of the 10, on the Dornergang lode, are worth on on average 40 cwts. of sliver-lead ore per lachter. The 20 driver, each of the 10, on the Do

atopos in the back of the 10, on the Dornergang lode, are worth on on average 40 estal oil silver-lead ore per lachter, but the forebreast of the drivage, going towards Michae's shaft, is unproductive, and the ground hard. The lode in the forebreast of the drivage, east from Michael's shaft, at the 10 lachter level, continues rich, and is worth full bus of silver-lead ore per lachter.

Linaries.—Sept. 9: Pozo Ancho: West of Engine-shaft.—South Lode: In the 110, west of the 138 winze, the lode is large, and contains stones of lead, but not enough to value. The 95, west of the 136 winze, is now home to the main cross-cours, and is worth ½ ton per fm. The 61, west of Santana's winze, is worth 4 tons per fm.; the lode is large, consisting of quartz, carbonate of lime, and lead ore. The 51, vest of Crosby's shaft, is still in disarranged and unsettled ground.—East of Engine-shaft: The lode is large and open in the 95, east of the 135 winze, and has much improved in appearance during the past week; it is now worth ½ ton per fm. In the 35, east of the 134 winze, the lode is large, and yields good stones of lead; it is worth ½ ton per fm. The 75, east of trovas-cut, is worth ½ ton per fm.; it is very near the north lode, and will hole to it very shortly.—Morth Lode: The lode in the 55, east of the 132 winze, it very large and strong, but not so productive as it has been, it is now only worth ½ ton per fm. The 75, east of 'Field's shaft, is suspended, as the lode is disarranged and unproductive.—Shafts and Winzes: The granite is getting harder for sinking in Crosby's ergine-shaft. Winze 139 has reached the depth of the 35; the end is not quite home to it. Winze 141 is deep enough for the 75, and will be holed very shortly; it is worth 1½ ton per fm. The lode is very riregular and unproductive in winze 142, below the 95. Winze 143 is some 40 varas east of No. 135 winze, and in advance of the 80-General Remarks: The tribute department romains much as usual; the surface sportions are being carried on with great regularity. of lead; the western end of it is in a cross-course. The ground in Glimber d, and the lode is small and poor. LOS.—Sept. 24: In the 3d level, west of Aquilar's winge, the

ALAMILLOS.—Sept. 24: In the on level, west of Aquinta look being small, we have discontinued the driving. The look in the 3d level, east of San Martin shaft, is large and strong, and contains good stones of lead. The 3d level west of San Rafael shaft, was holed to old working a few days ago. We have cleared several varas west, and reached sound ground, where the looke is worth \(^1\) too per fain the 2d level, east of Taylor's engine-shaft, the lode has been very changeable of lish in the first half of the past month it opened valuable ground. The lode in the 3d level, west of Taylor's shaft, has become very soft, consisting chiefly of decomposed grafis. In the first hait of the past month it opened valuable ground. The lode in the 2d irek, west of Taylor's shaft, has become very soft, consisting chiefly of decomposed grailis, quartz, and occasional imps of lead. The ground in the cross-cut south, in the 1st level, from San Eurique shaft, is rather strong for driving. In clearing the first level east, from San Eurique shaft, is rather strong for driving. In clearing the first level east, from San Eurique shaft, is rather strong for driving. In clearing the first level east, from San Adriano shaft, several arches of lood have been met with, and there is a very kindly lode in the east, at the present time worth 1½ ton per fm. The lode in the lat level, east of San Carlos shaft, is suspended for want of ventilation. A strong pranch has been met with in the cross-cut will be continued, in expectation of something better.—Shafts and Winsei it Taylor's engine-shaft the grantic is hard for sinking. At San Rafael shaft has been presented and strong. The lode at Crosby's shaft is of an open, kindly while bearers and clistern are put in, and the lift fixed in the clettern. At San Francisch and the expect to reach the bottom of old workings during the coming week. Moint winze is the continuation which we found below the bottom of the 3d level; the lode strong, and contains good stones of lead. The lode at La Madelena shaft, staffed from the shaft, and the beak of the end will reach the rich lode reported on in our latiform the shaft, and the beak of the end will reach the rich lode reported on in our latiform the shaft, and the beak of the end will reach the rich lode reported on in our latiform the shaft, and the beak of the end will be an a good lode, now worth 1 ten per fm. The 2d level, driving east of La Madelena shaft, staffed from the shaft, and the beak of the end will be an a good lode, now worth 1 ten per fm.—General Remarks: The laying out of the dressing-floors and the surface work gentily its being carried on with great regularity. The machinery and pliwork a

MARRIE QUARRYING IN CANADA.—We were recently shown by Mr. David Tetu a large block of marble, taken from a marble quarry on his sulgody, on the north shore on the River St. Lawrence, about 100 miles below the Sagnasy Eur. It is a brilliant crystallised white, with beautiful veins of red, brown, and blan regist through it, and is susceptible of a most exquisite poils. The quarry out of which his marble was taken extends for hundreds of acres, and we fancy when it comes to be

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mus coursely known it will supersede much of the American marble now so much ones - Quebec Duily News.

QUICKSILVER MINES OF NEW ALMADEN.

The New Almaden Quicksilver Mines are situated on a range of hills subordinate to the main coast-range, the highest point of which at the place is 1200 to 1500 ft. above the valley of San Jose. South-west of the range which contains the quicksilver mines, the coast-range attains a considerable elevation, Mount Bache, its highest point, being over 3800 ft.

sized is 1200 to 1500 ft. above the valley of San Jose. South-west of the place which contains the quicksilver mines, the coast-range attains at considerable elevation, Mount Batch, its highest point, being over 3800 ft. in height.

New Almaden is approached by the railroad running from San Francisco D San Jose, a distance of 45 miles. In the course of it there is a miss of the place of the place of the leval of the place of the p

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the wak ending October 2 was 11,8704. 13s.

HOLLOWAY'S PILLS can be confidently recommended as a domestic remely for the aliments of all classes and conditions of people. Young and old, men and women, parents and children, may take this medicine with the certainty of deriving benefit from its use, when disorder or disease is making them miserable. Holloway's pills are unrivalled for their purifying, aperient, and strengthening properties. They remove indigestion, palpitation, and headaches, and are specially serviceable in complaints peculiar to females. Each box of pills is wrapped up in printed instructions for insulance of invalids, who will readily understand, from carefully studying them, the visuay of regalning health. Holloway's pills work a thorough change in the constitutions of the weak and nervous,

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

BEDFORD CONSOLS.—J. Mitchell, Oct. 1: I have received the particulars of the diailing from Capt. Davey yesterday, which gives the probable distance we have to drive for the intersection of the south branch and in lode. The south branch, which went off from the present lode just under the engine-shaft, will require a cross-cut of about 13 fathoms to intersect it, provided it continues the same bearing, and the tin lode will require a cross-cut of about 13 fathoms to intersect it, provided it continues the same bearing, and the tin lode will require a cross-cut of about 13 fathoms to interest it, provided it continues the same bearing, and the tin lode will require a cross-cut of the middle adit level towards the new north lode by six men, at 71. per fathom, stented the month. We shall also drive the cross-cut south towards the tin lode with the same pare of men; by so doing they will sore their holes in each end and blast them on leaving. Which will give us the full benefit of their labour.

BEDFORD UNITED.—James Phillips, Oct. 5: The stopes in the back of the 115 west, one of which produces 3 tons and the other two produce 2½ tons each of one per fathom. In the 103 west the lode is 2½ ft. wild, yielding asying work. The stope in the back of this level is worth 2 tons of ore per fathom. The stope in the back of the 115 west of the 20 will produce 2 tons of ore per fathom. The lode in the 58 east is 15 in. wilds, poor. The stope in the back of this level is producing 2½ tons of ore per fathom. The stope in the 52 and 15 in. levels are each worth 3 tons of ore per fathom and the stopes in the 54 and 35 fm. levels are each worth 3 tons of ore per fathom and the stopes in the 54 and 35 fm. levels are each worth 3 tons of ore per fathom and the stopes in the 54 and 35 fm. levels are each worth 3 tons of ore per fathom and the stopes in the 54 and 55 fm. levels are each worth 3 tons of ore per fathom and the stopes in the 54 fm. will be stoped to the stope 15 fm. and 15 fm. levels and 15 fm. levels and

security is similar. All the point a vertical and changes in security and control and security and control and point and control and contr

veries already made, together with a that in a short time it will become a lasting and profitable mine.

CLOWANCE WOOD.—Edw. Chegwin, Oct. 4: We put the 60-in. cylinder engine to work on Friday, which it did admirably, and still continues working well; we have set the engine-shaft to sink by nine men, which will be done as fast as possible. The masons are still building boiler-house, which will be completed as early as possible. CONNORREE.—Capt. Bishop, Oct. 1: The deep adit is presenting more favourable indications for sulphur, and is yielding large rocks of ore. In the 74, east of engine-shaft, the yield of sulphur, which is a good class, combined with copper and silver, has increased this week, and a large quantity will be sent to market. The 64, west of engine-shaft, is much the same as last week. The lode in the 54, west of engine-shaft, has much improved for copper ore, and is first-class yellow, grey, and variegated ore; it tells its own tale for the 64 end when driven under this point. The 46, west of engine-shaft, is much the same as for some time past, and angurs wall for a great yield of sulphur and copper ore. The lode in the 18 m. level ends, east and west of Field's shaft, is very wide, and is yleiding about the same quantity of copper and sulphur ore. The 10, east of Kempson's shaft, is still looking well, and a parcel of ore will shortly be sent to market from this new, and I may eay unexplored, part of the property. The stopes on the great copper and other lodes, on the whole, are looking very cheering for a great and lasting yield of better class copper and sulphur ore,

CRENVER AND WHEAL ABRAHAM.—J. Vivian, Oct. 6: At Vivian's engine, at Oatfield's, the engineers are getting on flast fixing the 90-inch cylinder engine, the house for the No. 1 30-inch winding engine and capstan is nearly up, and the machine nearly all on the mines, and will immediately be put in its position for dropping our pitwerk, &c.; the other portion of the macons are engaged building balance-bob pit. The bolier building, with the increased staff, carries on the building of six large boilers, and their fire-tubes at the same time. The large saw-bench does its work admirably, the steam-hammer is up, and will be in order for work by the end of the week, and two large lathes are fixed in the engineers' shop for turning, boring, &c. At Wheal Abraham, or middle sump, the engineers are getting on well with the fixing of the 90-in. cylinder steam-engine, the baiance-bob is in its place, and the masons here are in full force on the house for No. 2 30-inch winding-engine and capatan. At Thomas's, or western district, the masons are building the stack for the 70-inch cylinder engine, and house for No. 3 winding-engine and capatan. On the whole, our progress with such heavy work is astisfactory.

No. 2 winding-engine and cipation. On the whole, our progress with such heavy work anticipation." The coarts was criving in still concluse strengt indications of our brings mass a depeate of least, and I believe in a short time I shall be in a polition to propert a discovery of ingorance.

wide, and worth 22t, per fm. In the same level, east of the crow-cut, the lode is 6 ft. wide, and worth for its 12t, per fm. In the same level, east of the crow-cut, the lode is 6 ft. wide, and worth for its 12t, per fm. In the stopes in the back of this residence of the control of th

we sand to suce to open up a most valuable property, which, together with Redmoor, Kelly Bray, and the prosperous mines contiguous, will, it is to be hoped, compensate for the loss of that important mine, Holmbush. We sampled last Friday 38 tons of copper ore (computed), to be sold on the 20th instant.

EAST WHEAL FORTUNE.—J. Cartis, R. Roberts, Oct. 5: We are pushing on the adit level south and east as fast as passible, and have fixed therein 25 fms. of air-sollars, which will ventilate the workings.

EAST WHEAL GERNYILLE.—G., R. Odgers, W. Bennetts, Oct. 1: Setting Reports The engine-shaft to sink below the 75, by nine men, at 40l. per fm., to lode is 2 fast wide, of (quartz and stones of ore—n fact, it is a very kindly lode indeed; it does not underlie so fast, and it is well defined. The 75 to drive east of shaft, by four men, at 51, 10s, per fm., lode 18 in. wide, of (quartz, with occasional stones of ore and mundle. The 75 west, to six men, at 41, 15s, per fm., lode 20 in. to 2 ft. wide, with stones of ore, embedded in quartz and mundic, letting out a quantity of water; from the appearance of this, we shall not be disappointed if we meet with a bunch of ore any day. The winze to sink below the 65 east, by four men, at 61, 10s, per fm., lode is 20 in. wide, with stones of ore—a kindly lode. The 65 west, to four men, at 41, per fm., lode 31, to 2 ft. wide, yielding 2 tons of ore and good work for tin. The stope above the 65 east, to four men, at 22, per fm., lode large, yielding 4 to 5 tons to the fathom, will good work for tin. The stope above the 65 east, to four men, at 21, 2s, per fm., lode large, yielding splendid work for tin, worth 401, per fm. The 64, east of shaft, to four men, at 21, 11s, per fm., lode 18 in., with stones of ore and mundic. A tine of the first of the complex of the lower fm. in the stope above the 65 east, to four men, at 21, 2s, per fm., lode large, yielding for the 5 west, to four men, at 21, 11s, per fm., lode 18

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EAST WHEAL LOYELL.—J. Burgan, October 6: The shaft below the 26 is down 13 fms., and worth 100L per fm. for the length of shaft, 12 ft. long; however, this part cannot be made available until the new shaft is completed to this depth; 33 people are employed in making this shaft, and as the ground has proved harder than was expected, it will yet take two months before it can be finished for working purposes. The junction at the 20, on the north lode, has reached the old man's workings, where the lode had already been taken away by them. The 20 end, west of new shaft, on the north lode, has improved in appearance, but it is not sufficiently productive to value.—South Lode; The shaft has been senance, but it is not sufficiently productive to value.—South Lode; The shaft has been shaft to the 25; the last 5 fathoms have varied in value from 70L to 20L per fm. The 25 has been driven 2 fms. west of shaft, which is worth 20L per fm. The returns of tin have been only 15 tons, in consequence of shaving suspended the shaft below the 26, and also other parts in order to carry down the new shaft to its proper position, which when completed will place the mine in good working order, and give increased returns. The cost for the next four months will be very heavy for materials, doe, for carrying on this new work, which could not be dispensed with under any circumstances. The returns will be very small for some time to come, unless new discoveries are made in other parts, where men have been set to work at the top of the deld, upon lodges of great promise.

stancess. The returns will be very small for some time to come, unless new discoveries are made in other parts, where me have been set to work at the top of the field, upon lodes of great promise.

EAST WHEAL EUSSELL.—J. Goldsworthy, Oct. 5: At Homersham's shaft, sinking below the 130, the ground is favourable for progress. In the 130 fm. level cross-cut, the right in the 130 cast, the ground continues rather hard, and slow for progress by the distance driven. Provided the underlie has been the same as in the level above, the lode should have been reached; the elvan has not been intersected. In the 120 fm. level cross-cut there has been over 10 fs. of elvan before the lode was reached, therefore if the elvan should centinue its size as in the 120, there are several feet to drive before the intersection of the lode in the 130. The ground in the rise in the back of the 130 is favourable for progress. In the 120, west of Maynard's cross-cut, the part of lode being carried is 4½ fs. wide, producing saving work for copper ore. The lode in the 120 cast is 2½ ft. wide, composed of capel, prian, mundic, &c. In the 77, west of Northey's cross-cut, the lode is 3 fs. wide, producing saving work. The lode in the 45 east is 3 ft. wide, producing saving work. The lode in the 45 east is 3 ft. wide, producing saving work. The lode in the 45 east is 3 ft. wide, producing saving work. The lode in favourable for progress.

EAST WHEAL RUSSELL.—J. Richards, Oct. 6: Homersham's shaft is in regular course of sinking below the 130 south of the lode, in favourable ground for progress.—Homersham's Shaft: in the 130 cross-cut north the ground continues rather hard, rendering the progress slow. The elvans not yet having been reached everal fect more will have to be driven to reach the lode, which has evidently taken a more perpendicular dip than in the levels above. In the rise in back of the 130, on the south part of the lode, good progress is being made. In the 120 east the lode is 2½ feet wide, composed of quantz, capel, mundic, prian,

nations. In the 45 cast the lood yleids good stones of ore occasionally. In Williams's erosa-cut north, at the 85 fm. level, west of Hitchins's engine-shaft, the ground is fawourable for progress.

EAST WHEAL TOLGUS.—Oct. 5: Redruth Consols Lode: In the 34 fm. level, east of John's shaft, the lode is 2 ft. wide, composed of killas, capel, spar, and mundle. The ground in the 34 fm. level cross-cut south is hard. In the add is level cross-cut, south from new shaft, the ground is moderately easy. The lode in the addit level, east of the cross-cut, is 2½ ft. wide, consisting of killas, spar, gosam, and mundle. In the addit level, west of the cross-cut, we have just intersected a cross-course, and thus far the lode is split into branches on the other side of the cross-course, but will shortly form into a regular lode again as !! zits off the cross-course, but will shortly form into a regular lode again as !! zits off the cross-course, but will shortly form into a regular lode again as !! zits off the cross-course, but will shortly form into a regular lode again as !! zits off the cross-course.

FIRANK MILLS,—J. Micholls, J. Cornish, Oct. 5: We are continuing to make the most satisfactory progress in sinking the engine-shaft below the 100, the ground in which is attill very good. The ground in the rise in back of the 100 north is rather hard, and consequently spare for progress. The winze sinking against, in the bottom of the 84, is yiolding saving work. We have succeeded in effecting a communication at the 45 fm. level, north from air-shaft, with the same level driven against from the north stopes, &c. This has created much better ventilation in the north part of the mine, and, at the same time, made it generally much more convenient for working. The north or wide stope, in back of the 60, is not quite so productive as last reported, now yielding 2 tons of lead ore per fathom. The stope adjoining to the south, on the other hand, has rather improved, and is now yielding tuily 2 tons of lead ore per fm. There is no ot

nope to have the water out for the men to go to their piaces in the beginning of another week. We shall have a parcel of tin ready to send away in about a fortnight; I hope to have about 7 tons.

GAWTON.—G. Rowe, Oct. 1: Our principal underground operations are still confined to sinking the new engine-shaft, which is progressing very satisfactorily; going down nearly 3 fms. per month.

GREAT BRIGAN.—J. Tredinnick, Oct. 5: At Highberrow shaft we have completed cutting the plat in the 57 fm. level, and commenced to drive a cross-out south, to intersect the south lode. We have cleared out the whole of the stuff in the 33 fm. level, east of the above shaft, and have put a parc of men to sink a winze in the bottom of the said level, east of the cross-cut on Brigan lode. In the end driving cast of the cross-cut, in the 33 fm. level, the tode yields a little ore, and the ground more favourable. In the winze sinking below the 20 fm. level, on the south, the lode produces good stones of ore. No change has taken place in the winze or cross-cut, east of Ennor's shaft, in the 20 fm. level. At the new shaft, near the eastern boundary, we have finished cutting the plat at the deep adit, and the men are now engaged driving west towards the end driving east in the deep adit, and the men are now engaged driving west towards the end driving east of cross-cut, in the deep adit level, during the plat week, but I intend doing so in a few days.

east of cross-cut, in the very large very, carried as few days.

GREAT NORTH DOWNS.—J. W. Crase, W. Jenkin, Oct. 5: The lode in the 67, driving east of Vivian's shaft, is 3 ft. wide, consisting of quartz, impregnated with copper ore, promising in appearance, and likely to improve; the lode in the same level, driving west, is 6 ft. wide, unproductive. The lode in the 57, driving west of engineshaft, is 4 ft, wide, worth 10.6 per fm. The lode in the stopes in the back of this level is worth 91, per fm. The lode in the winze sinking below the 57 is 4 ft. wide, producing atones of ore, and looking better. The lode in the 57, driving east of Jenkin's shaft, is 3 ft. wide, worth 61 per fm., and promising for an improvement. Pendarve's lode, in Is worth 91. per fm. The lode in the winze sinking below the 67 is 4 ft. wide, producing stones of ore, and looking better. The lode in the 57, driving east of Jenkin's shaft, is 2 ft. wide, worth 61 per fm., and promising for an improvement. Pendarve's lode, in Rule's shaft, sinking below the 40, is 2 ft. wide, worth 92, per fm. The lode in the 57, driving west of cross-cut, the lode is 3 ft. wide, producing good stones of copper ore, and promising for an early improvement. We hope in the coming week to hole Rule's shaft to this level, which will greatly facilitate the working, and enable us to open ground with more dispatch. In Sleggam's shaft, sinking below the 62, the lode is looking well at present, and worth 201, per fm. The lode in the 57, driving west of King's, is 4 ft. wide, worth 101. per fathom. In the winze sinking below this level, which is down about 14 fms. we have met with water, and are consequently obliged to suspend the sinking. The lode in the stopes at the 75, east and west of King's, shaft, is worth 101. per fm. On Monday last we sold 48 tons of tinstuff, which realised 961, 7s. 9d.

GREAT SOUTH CHIVERTON.—J. Nanoarrow, J. George, Oct. 4: There has been a shaft sunk on the west end 5 fms. 4 ft., and communicated; this shaft will enable us to reach the east and west lode. The lode on which we are driving varies from 1½ to 2 ft. in width, has a very good appearance, and still letting out plenty of water, but the ground about it is unsettled. The east end is in kills: here we do not expect any material interaction till we reach the east and west lode, from which it is stready draining the water. The walls of the smith's shop will be completed in a day or two.

GREAT SOUTH TOLIGUS.—J. Daw, Oct. 5: In the 164, west of Lyie's shaft, the lode is 5 ft. wide, worth 101, per fm. for tin. In the 164, east of cross-cut, the lode is 1½ ft. wide, producing 1½ ton of ore per fm. In the rise in the sack of this level the lode is 8 ft. wide, produced of spar, peach, and mundio. In the 100 to level, east o

cut, driving north, is now in 10 fms. 2 ft. from shaft; ground more congenial, being in a light blue killas; water is flowing freely from the end, which integrating near the elvan course. In the lin stopes in bottom of the 25, each k_0 , the lode is 6 ft. wide, producing about the same quantity of tin per fathom, stuff is not so good in quality, the lode being so much larger. The stamping

of Buckley's, the lode is 6 ft. wide, producing about the same quantity of tin per fathom, but the tinstuff is not so good in quality, the tode being so much larger. The stamping and surface operations are going on satisfactority.

GREAT WHEAL NUSY.—J. Etdwards, J. Petherick, J. Tredinnick, C. Bawden, Oct. 1: There is nothing new in Harvey's engine-shaft, or in the 140 west of ditto. We have let a cross-cut to drive south in the 140 east of Harvey's, to prove whether the main part of the lode is in that direction. We sate of Harvey's engine-shaft, is 140 ft. which is looking much the same as last reported, worth 451, per fm. The lode in the winze sinking below the 130, east of Farvey's engine-shaft, is 12/4 ft. which, worth 101, per fm. The lode in the winze sinking below the 130, east of Offord's shaft, is 180, wide, and worth from 101, to 121, per fm. for the sund experience of said shaft, is 181 in, wide, and worth from 101, to 121, per fm. for the sund copper ore. The lode in the 130, west of Fielding's shaft, is 201 in, wide, producing a little tin, but not sufficient to value. There is no change to notice in the 110 or in the 100, east of Mathew's shaft, sinking below the 110, is 4ft. wide, and producing rich stones of copper ore, but not sufficient to value. There is no change to notice in the 110 or in the 100, east of Mathew's shaft. The lode in the 90, east of said shaft, is 7ft. wide, and worth 301, per fm. for thin. Nothing new in any of the other bargains.

GREAT WHEAL GRYLLS.—E. Rogers, J. Pope, Oct. 6: Michell's Lode: Michell's level. In the end west at the adit level the lode is 1 ft. wide, worth 31, per fm., driving by three men, at 12. 105, per fm. A surface the excavations are being made for fatrods, and the bob-pit is being Built with all possible speed, and the carpenters are making the necessary preparations for fating flat-rods. We sampled on Friday, the 30th utt., 170 bushels of low-price tinstone, which is for sale to-morrow, the 7th inst.

rods, and the bob-pit is being fullit with an possible spec, and the carpenters are making the necessary preparations for fixing flat-rods. We sampled on Friday, the 30th ult., 170 bushels of low-price tinatone, which is for sale to-morrow, the 7th inst.

GRYILS WHEAL FLORENCE.—E. Rogers, Edmund Rogers, Oct. 4: The cross-cut north at the adit level is without alteration; price for driving 4t, per fm. The 19, from surface, is driving west by two men, at 4t, per fm.; the lock is 3½ ft. wide, producing work which will leave a profit on stamping. At surface the shaftmen have completed the opening across the tumpike-road, and are now engaged fixing frames and stands to carry flat-rods from the engine-to the shaft, to get the engine to work as quick as possible to resume sinking the engine-to the shaft, so get the engine to work as quick as possible to resume sinking the engine-to the shaft, so get the engine to work as quick as possible to resume sinking the engine-to the engine-shaft, and have completed 65 fms.; the holds between the 10 and 24 fm. levels is worth the same as last reported, 201, per fm. for tin. The lock in the 24 west still produces a little tin, but the ground is rather hard, connecquently our progress here is slow at present. Dart's stopes, in back of this level, are producing 1½ ton of copper ore and 71, worth of tin per fm. Hilman's stopes are still worth 131, per fm. Kellow's stopes, in back of the 12, are yielding 1 ton of copper ore and 91, worth of tin per fm. Piper's stopes in back of the 12, are yielding 1 ton of copper ore and 92, worth of tin, The stopes in back of add level are worth 71. per fm. in bettom of this level cast the lode is 6 ft. wide, and worth 201, per fm. for tin. The stopes in back of add level are worth 71. per fm.; in bettom of this level cast the lode is 6 ft. wide, and worth 201, per fm. for tin.—This Lode: in the additionant the body of the small portion of spar, carrying a little tin and a little carbonate of copper. The stamps are working very well, and the dress

in Stone's shaft, sinking below the 40, in 10 in. wide, and worth 61, per fm. for copper cre. now suspended in consequence of water. The north lods in the saster's shaft, sinking below the spended in consequence of water. The north lods in the saster's shaft, sinking below the 33, is 18, in the consequence of water. The north lods in the saster's shaft, sinking below the 33, is 18, in the consequence of water. The sand lode in the winzs sinking below the 33, is 18, in a possible. The tribute pitches throughout the mine are yielding their usual quantity; of copper ore. The engineers are progressing satisfactorily with the erection of the paper of t

spots of yellow and black ore. The tribute department continues to yield about the same as usual.

LANIVET.—J. Tregay, Oct. 1: The east and west ends at Oulton's engine-shaft are producing good stones of tin. The shaftmen are making good progress in sinking Petrie's engine-shaft. The lode in the bottom of the shaft near the account-house is producing saving work for tin.

LEAWOOD.—R. Andrew, Oct. 4: We expect to be in fork to the 20, which is the bottom level, in a fortnight after the engine goes to work. We shall have to fix a lift at that level; how long that will take us we cannot tell, and what ground we shall have to cut to make room, then we shall have 10 fathoms more to fork. I should think in a month after the engine goes to work we shall see the bottom of the shaft. The engineers are going on smart; they will get the engine to work against pay-day, Oct. 21.

MAUDLIN.—John Tregay, Oct. 1: Old Mine: In the 70 west the lode is producing mundic and spots of copper ore.—Coombe: There is no change to notice in the ground since last week. We are pushing on the driving as fast as possible.

MERILLYN.—W. Sandoe, Oct. 5: Although no very important change bas taken place in this mine since last advised, the bargains generally have improved, and each are now producing a fair quantity of lead ore, and looking promising. The present very dry season is much against us for having water to wash; had we a full supply we could get ready for the next sale 10 or 12 tons of ore, but with the very scanty supply we now have I fear that we shall not be able to get ready more than from 6 to 8 tons, but every exertion shall be used.

MINDEA AUNION.—W. T. Harris, Oct. 6. The lode in the 80 yard level is rather

son is flucing annex us no variety water to wass; man, were an apply we now have I fear that we shall not be able to get ready more than from 6 to 8 tons, but every exertion shall be used.

MINERA UNION.—W. T. Harris, Oct. 6 The lode in the 80 yard level is rather disordered at present, and yielding but little lead, but I anticipate an improvement shortly; the level driven west from top of the rise is producing a little lead. The pitch in bottom of the level by No. 1 winse is worth 2 tons of lead per fathom. The pitch south of No. 2 winze is worth 10 cwts. of lead per fathom. The pitch south of No. 2 winze is worth 10 cwts. of lead per fathom. The pitch south of No. 2 winze is worth for even of lead per fathom. The winze sinking below the 60 yard level progresses satisfactorily, and I expect to come upon the lead by next report.—Williams's, Shaft: There is no improvement for lead in the croas-cut east from the 40 yard level, but the ground is very favourable; the pitch in back of the level is worth 8 cwts. of lead per fathom. The pitch in bottom of level, seuth of shaft, is worth 8 cwts. of lead per fathom. The pitch in bottom of level, seuth of shaft, is worth 8 cwts. of lead per fathom. The pitch in bottom of level, seuth of shaft, is worth 8 cwts. of lead per fathom. The pitch in bottom of level, south of shaft, is worth 8 cwts. of lead per fathom. The pitch in bottom of level, aproximate and in the level is worth 8 cwts. of lead per fathom. The pitch in bottom of level, approximate and leading in the level is worth 8 cwts. of lead per fathom. The pitch in bottom of level, approximate with a little piran, occasionally spotted with grey ore. The stopes in back of the 42 cest are producing 1½ ton of ore per fm. The stopes in the back of the 32 cest, on the north part of the lode, are p. ducing 1½ ton of ore per fm. The stopes in the back of the 32 cest, on the north part of the lode, are p. ducing 1½ ton of ore per fathom. The lode in the lot, above the deep adit, driving north of the boundary, is 3 ft. wide—u

Shaft: The lode at his shaft has improved during the past week, now yielding good saving work for the continues very regular, and is attill tooking kindly, with lead about as usual; the water is still coming out of the north end of the shaft, so that there is every appearance of ore ground north of the shaft. The 60 end still looks wery promising; lode is very strong and kindly, and continues about 3f. wide, with brangied lead through the lode, worth about ½ ton per fm. NeW ROSEWARNE.—E. George, W. Mitchell, Oct. 5: The lode in Bickford's shaft is 5 feet wide, worth 301, per fm. The lode in the 74, west of Bickford's shaft, is 5 feet wide, worth 302, per fm. The lode in the 74 west is worth 305, per fm. The lode in the 64 west is 3f. wide, producing a little tin. The stopes in the back of this level, east and west of winze, are each worth 101, per fm. The lode in the 68 west is 3f. wide, producing good stones of copper ore. The stopes in the back of this level, east and west of winze, are each worth 201, per fm. The lode in the 46 west is amail and unproductive. The lode in the 3d west is 3f. wide, prompsed of spars, killas, and mundic.

NEW SOUTH CARADON.—R. Knapp, Oct. 6: Since last report we have completed changing the pitwork in the new engine-shaft, and sunk the shaft 6f. desper, making

NEW SOUTH CARADON.—R. Knapp, Oct. 6: Since last report we have completed changing the pitwork in the new engine-shaft, and sunk the shaft 6 ft. dseper, making it now 6 fms. 3 ft. under the adit. We have intersected a lode in the shaft 2 ft. wide, underlying north, composed of quartz, gossan, prian, beach, and mundic—a well-defined and very promising lode for the depth. The ground in the shaft is still of the most fewerphile description.

chart of the atternet in the new entires-thaff, and such the shaft of the dept of the value of the saift. We have intersected a load in the shaft is a real of the value of the saift, where intersected a load in the shaft is still of the most favourable description.

NEW TRELEGIA.—Sam. Michell, Oct. 5: The lode in the 90, west of Carr's engine-shaft, is large, and discharging more water; part of the lode is standing on the north side of the level, which we shall take down in the course of a few days, when we shall assectiant in the value. The same shaft, is without change, yield-than the same shaft, is without change, yield-than the same shaft, is without change, yield-than the same shaft, which was not shaft in the same shaft, is without change, yield-than the same shaft, which were attended to the same shaft, is without change, yield-than the same shaft, is without alternation that the same shaft, is without alternation of the same shaft, is without alternation of the same shaft, is without alternation of the same shaft, is without alternation the same shaft, is without alternation in the same shaft, is with

down to another level, where we shall drive a cross-cut to intersect this very fine his. The stopes in the back of the 20 (from surface) are yielding their usual quantits of blende, and worth respectively from 41. to 101. per fm. The lode in the new same and gets more mineralised as we go down, and is altogether a most promising looking thing. The tenders for the 50 tons of blende sampled will be in by Monday next, one of season before, we shall sell a parcel of lead. Our prospects are fast improving, and with the present price of blende (which will doubtiess go higher) we may confidently rupet before, we shall sell a parcel of lead. Our prospects are fast improving, fin an present price of blende (which will doubtiess go higher) we may confidently rupet by fore long to pay the cost of the mine from that mineral only.

NORTH DEVON SILVER-LEAD, —J. Blamey, Oct. 6: The caunter lode, in the sing is worth 104, to 121, per fm. The same lode, in the winze sinking below the 104, is worth 804, to 1004, per fm. The cross-cut in the 20, driving to intersect the canner, is letting out some water, and produces strings of ore. The middle lode, is the stope below its addit, is worth about 181, per fm. We are getting on favourably with the dressing.

NORTH DOWNS.—F. Pryor, Oct. 4: The 50, east of King's shaft, on the south lode is worth 151, per fm., with a very promising apparance. The stope in the back of this worth 154, per fm., with a very promising apparance. The stope in the back of this level is also worth 154, per fm. bennetta, Oct. 5: The engine-shaft is sunk 3 fm. 4 g. 2 in. below the 20. The ground at the shaft is just the same as usual for sinking. In the 20 end, driving west, the lode is 14, ff. wide, composed of soft spar and flocks, with a little lead occasionally. The ground in this end is favourable for driving. In the 20 end, east of engine-shaft, the lode is 14, ff. wide, composed of soft spar and flocks, with a little lead occasionally. The ground at the adit shaft, sinking below the surface, in the surfac

2 in. below the 29. The ground at the shaft is just the same an usual for siming. Is the 29 end, driving west, the lode is 18 ft. wide, composed of sock spar and slockas, with a end, east of engine-shaft, the lode is 18 ft. wide, composed of sock spar and studing much the same as usual.

NoRTH WHEAL BASSET.—George Davey, Oct. 5: Main Lode: In the 22, west of Grace's shaft, the lode is 2½ ft. wide, composed of sockan, and stones of the lode in ground at the same as usual.

NoRTH WHEAL BASSET.—George Davey, Oct. 5: Main Lode: In the 39 west the lode is protecting at the lode is worth 81. per fm. for copper ore. In the 20 west the lode is protecting stones of copper ore.—South Lode: In the winze under the 102 the lode is protecting stones of copper ore.—South Lode: In the winze under the lode is 6 in the 30 east the lode is 8 lines wide, worth 31, per fm. for copper ore. In the 32, east of Grace's shaft, the lode is 2 ft. wide, worth 31, per fm. for copper ore, with the lode is 18 lines wide, yielding 1 ton of copper ore per fathom. In the 20 west the lode is 8 lines wide, a little copper ore, with a kindly appearance.

OKEL TOR.—W. B. Collom, W. Motherell, October 5: In the 30 we are still entitle through the lode in the one; there is no alteration as to its character. We have out through the order part of the lode in the 65 end, and find it 3 feet wide. We have set through the order part of the lode in the 65 end, and find it 3 feet wide will will the oreas-cut in the 50 the ground is becoming wetter. In Northey's with set me as sinking by the side of the lode, and will continue to do so until it is holded to the 65 time of ore to the fathom. In the middle stone of ore to the fathom. In the middle stone we are rising for future stopes. The western stope is yielding 6 times deep rished the part of the mine and pitches are without alteration.

PAR CONSOLS.—F. Puckey, T. Rieh, J. Hosking, Oct. 4: alteration. In the 130 the part of the mine and pitches are without alteration. PAR CONSOLS.—F. Puckey, T. Rieh, J. Hosk

cross-cut the lode in the level driving east is 18 in, wide, composed of siate, spar, and branches of lead. The different stopes throughout the mine are yielding about 2 tons of blende per fm.

ROARING WATER.—H. Thomas, Oct. 4: For the last few days the men at Gillman's shaft bave been cutting ground for a large clatern at the 20 fm. level, which is fixed in its place, and the sinking again resumed; the ground is of a very kindly elseater, and it think there will soon be a good and permanent change in this shaft. The lode in the end, driving west from Grady's shaft, is producing very rich ore, yellow, purple, and grey, and the ground much casier for driving; this end is na besuifial channel of mineral ground, which, I believe, will produce large quantities of mineral a reasonable depth. The end driving east from Bush's shaft, on Grady's lode, is also large and orey. I calculate in another month the east and west ends will be hole, which will secure free ventilation for opening this part of the mine, besides giving ony backs to stope. The end driving west on new lode from cross-cut, is just of the suscharacter as last reported on; I do not look for any change until the silde is gone through. I intend going to Schull this week to arrange for a vessel to ship the ore.

ROSEWARNE CONSOLS.—T. Uren, J. Berryman, Oct. 5: At the 60, in the engine-shaft, we have cut plat, fixed lift-rods, &c. The men are now sinking below the 50, cast of Ellen's, is communicated with the 60, and the men are now taking boow the 50, east of Ellen's, is communicated with the 60, and the men are now taking down the south lode, which is worth 54, per fathom. In the 80, both east and west of Ellen's, we have cut No. 5 cross-course, but at present the lode is poor. The 60, east of Ellen's, the lode is looking more promising than for some time past. In the 70, east of Ellen's, we have cut No. 5 cross-course, but at present the lode is poor. The 60, east of Ellen's, is worth 54. per fathom. In the 80, both east and west of Ellen's, we have cut N

Ellen's, the lode is looking more promising than for some time past. In the 70, east of Ellen's, he ware cut No. 3 cross-course, but at present the lode is poor. The 60, east of Ellen's, is worth 51, per fm. We sampled on Tuesday last 129 tons of good quality copper ore.

ROSEWARNE UNITED.—Thomas Richards, Edward Carthew, Oct. 6: The lode in the 50, east and west of the engine-shaft, is a tresent unproductive. The lode in the 40, west of the engine-shaft, is producing a little rich black copper ore. The lode at the Boundary shaft, simking below the 30, is worth 41, per fm. for copper ore. The lode in the 50, west of Boundary shaft, is worth 91, per fm. for copper ore. The lode in the 50, west of Boundary shaft, is worth 91, per fm. for copper ore. The lode in the 50, west of Boundary shaft, is worth 91, per fm. for copper ore. The lode in the 50, west of Boundary shaft, is worth 91, per fm. for copper ore. The lode in the 50, west of Boundary shaft, is worth 91, per fm. for copper ore.

SILVER VEIN.—E. Born, Oct. 6: The sumpnen are getting on well with cutting the plat in the 60; I calculate they will be in course for sinking after next week. We are pushing on the 60 north as fats as we can, by four men, until the plat is completed, whan I intend having a full pare of six men here. The lode in this end is 2 ft. 1916, composed of flookan, carbonate of iron, and quartz, carrying a branch of argentifices copper about 4 in. wide, and looking very promising. We shall drive a fathom or two before putting a value on it. The lode in the 50 north is getting more settled again; in taking it down this week we have found some small stones of lead, with some very rich grey ore; the character of the lode at the present time in this end looks more kindly for lead than ever before seen. The lode in the 50 cast is changing for the better, the quartz getting softer; it is 2½ ft. wide, producing mundie, jack, lead, and copper, but not d much value; the ground is a little easier. The end is extended about 7 fms. from the junction,

when the shaft is down to the 24 you will lay open a long run of rich tin grouns, as a no distant period have a dividend mine.

SORTRIDGE CONSOLS,—James Richards, Oct. 6: In the 50 cross-cut couth gap progress is being made, the ground continuing easy and congenial for mineral. If the 40 cast, and east of John's cross-cut, on No. 1 south lode, the lode is of good size—jow wide, and continues promising, and yields stones of rich ore. In the 30, east of the give-shaft, on the south part of the lode, the lode is 18 in. wide, composed of made, capels, quartz, and a little ore. In Doldge's rise, in back of the 50, west of the veriling shaft, the lode is large—4 ft. wide, and consists of an abundance of mundic, qualt, peach, capels, and good stones of ore. In the deep adit level east the lode is 2 ft. wis, containing mundic, capels, quartz, and goosan, and is promising.

SOUTH BULLER.—7. Hosking, Oct. 1: The ground in the 24 fm. level, east of sine-shaft, is now chiefly elvan and capel, and, being harder then when last reported of, has checked our progress in driving. The lode is 6 in. wide, composed of quartz, mundic, and copper.

SOUTH CARADON WHEAL HOOPER.—Wm. C. Cock, Oct. 1: The ground in the 54 cross-cut south is just the same for progress as when last reported; we have as in the contract of the contract

person and is worth 300, per fathom for copper and lead ore. I may here remark that person must western end, and augurs well for the levels above and below driving the liver must western end, and augurs well for the levels above and below driving the liver of the levels. A winze is in course of sinking in the hottom of this level by the rest of the levels and the look therefore I cannot say anything as to its value. The 40 west has been side of the last 13 fathoms, worth 300, per fathom for copper and lead, the interest income the say is severed to be severed to the severe the side worth fail and productive piece of ore ground. In the 50 west the look is 1½ ft. wide, with looks well for opening up in the same of lead ore, but not in sufficient quantity to value. There are from 10 to a lost and productive piece of the severe with all dispatch. In the 60 west the look is 1½ ft. wingly reliable the same of the severe with all dispatch. In the 60 west the look are ground and same and the same of the level above. All the machinery is in good working order. In the first one of the level above. All the machinery is in good working order. In the substitution, I beg to any that you are now in a position to pay all working expresses, and maintained. I be substituted in saying should your levels continue as at present (and I see no law that your productive with a life to cause me to think otherwise) that it will in a short, period be leaving profits to this to cause me to think otherwise) that it will in a short, period be leaving profits to the meaning the same and the same

investigation in saying should your levels continue as at present (and I see noting to cause me to think otherwise) that it will in a short period be leaving profits to the semisary.

SOUTH DARREN.—J. Boundy, Oct. 4: We have no change to report this week in sort part of the sine, except in the stope over the 30 west, which have fallen off in value. We have here shoult 6ft, of ground more to stope to reach the 10 fm. level.

SOUTH DOLOOATH.—Wen, Roberts, Oct. 5: The following tutwork bargains were stored to the stope of the stope of

and inch. worth of the Billion and production. The Billion is the State of the Billion and t

for the engliss, hollers, Sac., ann progressing well, and we shall be quite ready for the new well stope to he will make a very large addition to our reforms through the stages, we shall make a very large addition to our reforms through the stages, and the stages of the progress of the stages of

yes. In the life went the look in F.R. wide, producting a little core, but not enough to waise
and an integer in bottom of the sit the solds is worth that yes fine for expert once.

In the brough of the present caugade in the same in the part of in, for expert once in the same in t

men, at 121, per fm lode small	good-looking mineralised gossan, and the continuation of this level should not be lost	men, at 51, per fathom; the lode producing a little ore, but not to walue; to stope the
VALE OF TOWY A. Waters, T. Harvey, Oct. 4: In the 124, north of Clay's en	beautiful strata of ground, in which lodes seldom or ever fail to be productive in depth.	back of the 30 by four men, at 2% per fathom; lode worth 2 tons per fathom. To stope
size-shaft, the lode is 314 ft. wide, of carbonate of lime, sulphate of barytes, and rich blend	and no time will be lost to get it down 10 fars, deeper, to make a 40 fm, level, before we	the bottom of the 20, east of shaft, by four men, at 21. 12s. 6d. per fathom; lode worth
man, the yield of the latter being about 25 cwts, per fm. The country rock at this	cross-cut to see the lode. The 30 is driven west of the cross-cut on Mary's lode about	3 tons per fathom. To stope the bottom of the 30 by four men, at-31, per fathom; lode
point is, we consider, very congenial for the production of mineral deposits; the end is	9 fms.; throughout this distance the lode has been split into two parts; since we have	worth fully 3 tons per fathom. We are in want of two more men here. The 50 east
consulting the underlie) now within 6 fms. of No. 3 cross course, and looking at the	intersected a small crossing, and the south part appears to be the regular leading one.	was not set, there being no parties to take it. The new shaft was not set; the stent is
whiches of ore we had north of this from the 80 unwards, it is highly probable good	I I about 1 foot wide, consisting of mandic, blends, and about of ore; a very promising lodg,	not out ; the average sinking here is from 4 to 5 feet per week. We have a hard ber
of Clarical at the met with between the present and and Bonville's shaft. In the 124, south	and if not found productive at the above-named depth (40), we shall be very much dis-	of ground in the adit going towards this snart, which has retarded the driving a little.
labor strong ground is more favourable than for some time past, and the lode beginning	appointed. You will see from this report we have driven the 60 and the 70 through a	PRICES OF MATERIALS.
		As charged at North Levant Misse during the following months of 1884:-
loint in James 1, we have about 31/2 fms. more to rise to communicate with the deepes	past quarter; yet, on the whole, especially on Mary's lode, we think the prospects are	Description. Jan. Feb. March. April. May. June.
of the above rise the pitch, where there is a rich lode. In Jones's stope, in the 110, south	very encouraging, and we see no better plan to introduce than the present mode of work-	Hoop ironPer cwt. 14s.6d — 14s.6d —
	ing, believing, as we have often expressed, that it is the right course to pursue for the judicious development of the mine	Steel, D. C. blister , 50 0 50s. 0d
		Ditto, cast
		Nails 6 inch patent
		Ditto 5-inch
		Timber, yellow pine per loot 1 0 18, od., 1 0
		Ditto, Fredrickstadt balk ,, 0 10 0 10 0 10 0 10 0 10
		Ditto, long sound "
Neede per fem. Burn's pitch, in the 100, south of Wenalit's, is worth 2 tons of	I St im, level west is worth of, per im. The lode in the stopes in bottom of the same	Coalsper ton 12 9 12 9 12 9 12 9 12 9 12 9
blende per fm. Burn's pitch, in the 100, south of Wenalit's, is worth 2 tons of Vigit Per fm. We shall sample on Saturday next four parcels of blende.	level is worth 61. per fm. The lode in the 61 west is improving in size, being 18 inches	Best candles, free of car.per doz. — 5 3 — 5 3 — 5 3
qual to the reading of the reading of the reading power not being	wide, producing good stones of ore.—New South Lode: The lode in the 50 was is di- vided by a horse of killas, consequently the branches are small and unproductive. We	Powder dittoper 100 lbs. 46 0
		Safety fase, dittoper coli 0 4 0 4
rent return for the past month; we have, therefore, erected four additional amalgams	WHEAL EMILY HENRIETTA.—John Daw, Oct. 5: The lode in the flat-rod shaft,	Rope, ditto 48 0 48 0
our water nows will be at work before the end of this week. Unless we have rain soon	sinking below the 68, is in two parts, producing occasional stones of copper ore. In the	
our water-power will be greatly diminished. The erection of the new stamps, fixing	68 west the lode is 2 ft. wide, composed of spar, peach, and mundic, and a little copper	Hilts, dittoper dor. 1 10 1 10
and the state of t	An inter two tone on a ter with combana or almiltonial war murani man a man a differ	

fms. 4 ft. ng. In the

an, with a In the 20 and letting surface, is 92, west of in. In the is produc-is 2½ fact it, the loca sches wide, producing

copper Part nine during Edgeumbe's key's shaft, wide, but key's shaft, er fm. All

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s shaft, the
being comIn the 30, fo fm. level level west laiso yield south part, st of Hand's from 21/2 to

the lode is the cross-cut evel west is in the cross-the Midway 10 west the In Foxpath te, spar, and about 3 tens

, in the en-g below this inze sinking now taking and west of to 70, east of The 60, east tood quality The lode in the color lode in the The lode in the 20, de in the 20, week. We

s completed, a 2 ft. wide, regentiferosa hom or two de again; in me very rich re kindly for r, the quarts r, but not of ss. from the hat we shall The tribute resterday, at e to increase to notice. Specied New Jown 7 fns.; rance in the complete the under a god under a god and real pottom of the p There are d by a short ich forms i may reason ye no doubt ground, and south god ral. In the size—died st of the en-

o two parts, y disordered as it did last coar for pro. We shall maght we are see divinged is 4 ft. widt, see the lode or ore. The the 38 and The lode in appl, peach, ide, constict on ore. New cos, the men king below wide, constituted, constituted in the same wide, constitut

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MINING NOTABILIA.

GOLD IN WALES.—Castell Carn Dochan Gold Mine returned for the cek ending Tuesday, Oct. 4, 6 css. 9 dwts. 12 grs. of Gold, from 21 cwts. of quartz. reek ending Tuesday, Oct. 4, 6 css. 9 dwts. 12 grs. of Gold, from 21 cwts. of quartz.

GREAT WHEAL VOR.—The general position and prospects of Wheal fetal continue to be of the most satisfactory character. The lode in the 147 and 157, and of Ivey's shaft, is improving as it becomes free from the sildes. The 162 west is north 3 tons, and the 164 west is worth 2001, per fm.

DYPNGW.—The traction-engine is expected up this week. The 82 fm med west has improved to upwards of 2 tons per fathom.

CORNUBIA.—We have just received advices that the No. 2 lode has been it good in the 60. The men are only in 18 in., but so far the lode is tinny throughout, of its carrying a rich leader of almost solid tin; this will materially assist in increasing future returns.

cut good in the 60. The men are only in 18 in., but so far the lode is tinny throughout, and is carrying a rich leader of simest solid in; this will materially assist in increasing future returns.

SOUTH WHEAL LEMSURE.—The sale of materials advertised for Tuesday did not take place, in coasequence of the purser, Mr. P. Rabey, jun., having settled the elaims due on the mine. They have commenced working as heretofore, and expect to cut the lode at the 12 in about four weeks from this time.

At DOLCOATH MINE meeting, on Monday, it will be necessary to declare a reduced dividend (less than 71.), owing to the continued decline in the price of tin.

SOUTH LOVELL.—We learn the active operations now carried on here are likely to meet with good success. It appears that every fathom cleared in the shaft and adfi level affords evidence that large quantities of tin must have been returned, as the extent of ground taken away is more than 100 fms. in length; this cannot be a mere dispail, but it is confidently believed to be the top of a course of tin.

EAST CARN BREA.—This mine may be recommended to the public as a safe and legitimate investment at the present low price, about 714. About the middle of 1862, there was a requiar mania for these shares at about 2014, and the mine not presenting near such good prospects as at present. This mine embraces six lodes, all of which are productive, but the principal returns are being made from No. 3 and 4 and the new south lode: 26,0004, worth of copper ore has been discovered within the last four months. The despeat level these lodes have been seen at is the 60, but a cross-cut is now nearing the No. 3 inche, in the 70, which is very productive in the level above, and if cut as good at this point (the 70) will greatly enhance the value of the property. The two last sales of copper for two months will leave a proflet of 10001, and the present large resturns (which to all appearance are likely to be permanent) must very soon establish the property in the List as one of the first divid

when new shaft, tells its own tale, seeing that the whole cost of the mine for the same period does not exceed 75t.

Tirecroft Mine.—We gave the statement of accounts last week; the following was the report of the mine, dated Sopt. 28:—Highburrow Lode: In the 195, driving was to of engine-shaft, the lode is poor as far as seen. In the 195, driving east of might shaft, the lode is worth for tin 15t, per faithom. In the 184, east of Martin's east shaft, the lode is worth for tin 15t, per far. We have communicated the 184, west from this shaft, with the 184, east from sump-shaft, since the last meeting, as anticipated. The wince sinking under the 162, east of Martin's east shaft, is worth for tin 45t, per fm.—Chappie's Lode: We have completed the sinking of the downright shaft to the 260, and shall continue the driving of the said level with all speed. In the winze sinking under the 185, west of downright shaft, the lode is worth for tin 20t, per fm.; we think there is more lode standing to the north. In cutting winze-plat for 80. 2 winze, under the 185, we have discovered more lode to the south of the level; we think this a good improvement, as it has the appearance of making the further east than we calculated on. In the 250, driving east of boundary, the lode is worth for tin 30t, per fm.—Dunkin's Lode: In the 144, driving west of the cross-cut, the lode is worth for tin 15t, per fm. In \$40, 185, if the 15t, driving west of the cross-cut, the lode is worth for tin 16t. Per fm. In \$40, 185, if the 15t, driving west of the cross-cut, the lode is worth for the 18t. Lode: In the 16t, driving west of the cross-cut, the lode is worth for the 18t. Lode: In the 16t, driving west of the cross-cut, the lode is worth for the 18t. Lode: In the 16t, driving west of the cross-cut, the lode is worth for the 18t. Lode: In the 16t, driving west of the cross-cut, the lode is worth for the 18t. Lode: In the 16t, driving west of the cross-cut, the lode is worth for the lode in the lode in the lode is producing saving work for tin.

WHERE CROFTY.—Rumours have been prevalent during the last few days that Wheal Crofty, which from its situation, its fine lodes, and other circumstances congenial to the deposit of mineral in its district (which, it must be remembered, is one of the richest in the world for copper and tin), would stop on account of the unfortunate failure of the largest shareholder, one of the most spirited miners in this district; from reliable sources, however, we understand that such is not likely to be the case, but that the mine will be transferred from the cost-book to the limited liability principle under a most powerful management. We are glad to notice this, inasmuch as there is little doubt that Wheal Crofty, to which we have several times referred, will, with a very slight outlay, become one of the leading mines in the county of Cornwall.

SOUTH DARKEN.—This mine is, perhaps, in a better state than any

the leading mines in the county of Cornwall.

SOUTH DARREN.—This mine is, perhaps, in a better state than any other progressive mine at presont. The 30 and 40 fm. levels west (going into rapidly rising ground) are worth from 30l. to 40l. per fathom each, while the 50 is improving, and is only a short distance behind the ore ground. The 30 is the furthest advanced level, and has been a good lode for about 50 fathoms, and the 40 for about 15 fathoms, and both have every appearance of continuing. The 20 has also been good for some distance, but is at present disordered by a cross-course. The 60 is being driven, but is some way behind yet. The mine is being worked fairly, and is about paying cost, but in a short time will almost certainly be yielding good profits. There are several other important points being prosecuted.

New Devon Consola.—The directors of this company have issued a

good profits. There are several other important points being prosecuted.

New Devon Consols.—The directors of this company have issued a circular to the shareholders, stating that the preliminary works are now nearly completed, and that Capt. Richards's recommendations for the full development of the mines were commenced to be acted upon in March last, by costeaning the ground. In opening shoad-pits a lode was discovered near the Devon Great Consols boundary, and traced for nearly a mile through the company's sett. The lode is from 2 feet to 3 feet wide, of a promising appearance. The site for the shaft has been fixed at a point where it intersects the lode at about 60 fathoms deep. Water-power being available in the southern sett, a 60-feet water-wheel is constructed, and in course of erection. The leat is cut, and the shaft will, probably, be set to sink by the end of next month. A 50-inch engine has been purchased, and is in course of erection for working the northern sett, where a lode several feet wide has been discovered. The directors have secured the lands on the opposite side of the stream upon favourable terms. The directors do not anticipate that much ore will be raised at a less depth than 60 fathoms from surface, which necessarily must take a long time to sink; but, of course, there exists the probability of coming upon a course of ore before reaching that depth, whence returns might immediately be made. Still, it should be borne in mind that it is only by steadily persevering in carrying out the plan laid down by Captain Richards, that permanent results are to be expected, and it affords the directors much confidence in looking forward to a successful result being attained, as the company's sett is situate in the same channel of cround as the Great Deven Consols and its first and the successful result being attained, as the company's sett is situated in the same channel of cround as the Great Deven Consols and looking forward to a successful result being attained, as the company's sett is situate in the same channel of ground as the Great Devon Consols, and there being every reason to expect that the company will find a good and

Frontino and Bolivia (South America) Gold Mining Company.

—All the necessary preliminary arrangements for the economic and extensive development of this company's property may now be said to have been completed, and it cannot fail to be satisfactory to those interested to find that so much has been done in such a comparatively short period. As has already been mentioned in the Journal, a large staff of officers, mechanics, and miners left England in June last, and since then Messrs. Oatey and Company of Company of Wadahidan have completed the meanfeature of a complete the meanfeature of the mea and Co., founders, of Wadebridge, have completed the manufacture of a somewhat novel and powerful steam stamping-engine, capable of working 60 heads of stamps, the novelty in the construction being that no part of the entire machinery exceeded 112 lbs. in weight. Previous to its shipment, it was examined by several engineers and manufacturers of mining machinery, all of whom were unanimous in pronouncing it to be most efficient and complete, and reflecting the greatest credit upon the makers. Capt. Goyen, the company's superintendent, with a further staff, sailed from Southampton on Sept. 2, taking with them the boiler and other heavy portions of the machinery, and there is reason to hope that they will arrive at their destination by about Oct. 15. On Monday the remainder of the machinery was shipped at Southampton on board the Royal Mail Company's Steam Packet Tasmanian, and it is confidently expected that by the end of the present year the whole of it will be in full working order, and that soon after the mines will be producing large and profitable returns. As an evidence of the valuable character of the company's property, it may be mentioned that advices have just been received to the effect that two miners working at Bolivia extracted, in the short space of five weeks, between 3004. and 4004. worth of gold, with only three heads of stamps, nery, all of whom were unanimous in pronouncing it to be most efficient be mentioned that advices have just been received to the effect that two miners working at Bolivia extracted, in the short space of five weeks, between 3001. and 4001. worth of gold, with only three heads of stamps, working eight blows per minute. As the engine above referred to, when in full operation, will work from 40 to 60 heads of stamps, at something like 70 blows per minute, and the auriferous quartz being practically inexhaustible, some idea may be formed of the immense returns that will be made from such an extensive scale of operations. The Frontino Mine is already provided with powerful water machinery, sufficient to produce large and important returns; so that regular monthly advices, with remittances of gold, may now be expected.

** With last week's Journal we gave a Supplemental Sheet, which contains the third paper on the Present Condition of the Labour Market; the New Turkish Mining Laws; the Mineral Wealth of Turkey; Economic Treatment of Aluminium; Researches for a New Theory of Geology; the Simplicity of the Creation; Natural Ventilation Interpreted and Practically Applied; an Electric Telegraph without Wires; Electric Light; New Alloy for Bells; Wheal Penrose Lead Mines; the Hot Springs of Cornwall; the New Light; New Quartz-Mill in Nevada; a New Red Light; Plaster of Paris for Paint; Meetings of the Tin Hill and Caradon Consols Mining Companies; New Inventions; Improved Safety-Cage; Treating Tar, and obtaining Products Therefrom; Extracting Precious Metals from Lead; Prices of Materials; Reports from Foreign Mining Companies; New Mining Company Law in Australia; Water Rights, &c.

The Mining Market; Brices of Metals, Gres, &c.

M.	ETAL MARKET-London, Oct. 7, 1864.
Copyran	Sheets
Bars Weish, in London. 7 17 6	Foreign
To arrive 12 5 0-2 19 0 0-10 10 10 10 10 10 10 10 10 10 10 10 10 1	TIN-PLAYES.* IC Charcoal, lst qua. p. bx. 1 8 0-1 11 0 IX Ditto lst quality , 1 14 0-1 17 0 IC Ditto 2d quality , 1 16 0-1 8 0 IX Ditto 2d quality , 1 12 0-1 14 0 IC Coke , 1 3 0-1 5 0 IX Ditto 2d quality , 1 19 0-1 11 0 Canada plates p. ton 13 10 0- In London; 20s. less at the works. YellowMetal Sheathing.p. lb. 8 4 d; -
Ditto white	Indian Charcoal Pigs 7 0 0- 7 10 0 to 1s. 6d, per box less,

At the works, Is. to Is. 6d. per box is

REMARKS.—The continued improvement which is taking place in monetary affairs, although no alteration has yet occurred in the Bank rate, and the increased confidence which is existing in commercial affairs generally, is producing a favourable impression upon the Metal Market, and affords good grounds to hope that ere long a considerable improvement will take place in the metal trade, and that the depression which has so long existed will be removed, and a return take place to the activity which the trade usually shows at this time of the year. Altogether, the metal market has been very well sustained during the period of pressure in the money market, and has not been nearly so much affected as might have been expected; certainly speculation has been altogether driven out of the market, but still a fair legitimate business has been doing; and the inherent soundness of the metal trade has been clearly manifested. Undoubtedly we must still exercise patience, as it cannot be expected that the trade will all at once resume the activity which generally characterises it; but we have no rea-The continued improvement which is taking place in mo resume the activity which generally characterises it; but we have no reason to doubt that we shall gradually see the trade improve; and as shipping orders become more plentiful this improvement will become much

ping orders become more plentiful this improvement will become much more apparent.

Copper.—The market for this metal remains much in the same position as last week—if anything, it is rather easier; the demand, however, continues very limited.

IRON.—In Staffordshire the limitation in the production of iron, owing to the colliers' strike, renders it difficult to estimate the real extent of the demand, but there is scarcely anything doing for America, and it is thought that if the works were fully employed orders would soon be scarce. The tariff in France, under the provisions of the Commercial Treaty, were reduced on the 1st of the month; but the French demand for our iron has for some time been very limited, and it is not expected that the reduction will produce any immediate effect. The colliers' strike still continues, notwithstanding the efforts of Lord Leigh to bring it to an end. His lordship having had an interview with the men, met the coalmasters, and urged upon them to consider the privations to which the men were exposed, and the desirableness of putting a stop to the calamitous state of things now existing in South Staffordshire. He proposed that the men should have an opportunity of returning to their work for a fortinght at 4s. 6d. per day, on the understanding that at the expiration of that time the 6d. per day extra, making 5s., should be granted. A long discussion followed, but the result was that there was a unanimous feeling against the proposal. It was declared to be impossible to accept it with due regard to the interests of the trade, or, in fact, to make any concession whatever, it being hold that to yield to the men in this matter would be to open the door to fresh demands on their part, the end of which could not be foreseen. In Welsh hardly any alteration has occurred during the week. Swedish iron remains as formerly. The Scotch pig-iron market has gradually continued its downward tendency, opening at 56s. 13d. cash, and 57s. 13d. three remains as formerly. The Scotch pig-iron market has gradually continued its downward tendency, opening at 56s. 14d. cash, and 57s. 14d. three months—it has fallen to 53s. 9d. cash, and 55s. three months. The las

months—it has fallen to 53s. 9d. cash, and 55s. three months. The last advices, however, state a slight improvement, business having been done at 53s. 104d. cash, and 55s. 3d. three months, sellers 14d. per ton higher. Lead remains without alteration, prices continuing at 20l. 5s. for common English pig, 21l. 10s. for LB, and 22l. 10s. for WB.

Tix.—The market for foreign still continues heavy, and no improvement has taken place in prices. The stock in warehouse in London on the lst inst. was 3252 tons, against 2482 tons, same time last year. In Holland the quantity of Banca arrived for the next sale is 38,284 slabs, against 33,762 slabs, same time last year. In English there is rather more enquiry. Spelter.—The amount of business done is very trifling. For parcels on the spot the price has further declined, transactions having taken place at 23l. 15s., and the quotations are now 23l. 12s. 6d. The stock in London on the 1st inst. was 11,592 tons.

Spelter and Tix.—Plates are without alteration.

STEEL AND TIN-PLATES are without alteration.

QUICKSILVER .- Demand very limited

Glasgow, Oct 6.—The market has been rather stronger. At the close there were sellers at 53s. 10½d. cash; buyers at 53s. 9d. No. 1, g.m.b., 53s. 9d.; No. 3, 53s.

SCOTCH MATTERS. We learn from Coatbridge that the iron not been so brisk as it is at present for many years past, the demand far exceeding the supply, especially of malleable. With few exceptions, the whole of the furnaces of the district are in blast, and those out of blast are mostly under repair. At the Dundyvan Works great improvements are proceeding, both in the pig-iron and malleable iron departments. A new blast-furnace is being built, which will, it is stated, produce double the quantity of iron made by any other furnace in the country. At the bar nty of iron made by any other furnace in the country. At the bar is machinery is in course of erection to facilitate the manufacture of eaviest rails, and will be in operation, it is expected, in three months.

MIDDLESBRO', OCT. 6.—The heavy fall in Scotch pigs has had a de-ressing influence on our markets. To-day business was done in warrants t 50s. cash, closing flat, rather sellers:—No. 1, g.m.b., 52s. 6d.; No. 3, pressing influence ditto, 49s. 6d.

ditto, 49s. 6d.

BIRMINGHAM, OCT. 7.—Rylands' "Iron Trade Circular" reports that Lord Leigh's mediation between the colliers on strike and the masters has failed, the latter being determined not to give way, to their own present loss and the future encouragement of strikes. Trade buoyant, as far as orders can be executed. Common pigs range from 3l. to 3l. 5s.; mine pigs, 3l. 10s.; better class, 4l.; hydrates, 4l. 10s. to 4l. 15s.; hematic, 3l. 10s. to 4l. 5s., according to quality; Yorkshire, 3l. 5s. to 3l. 12s. 6d.; common melters of this district, 3l. 5s. to 3l. 10s.; best North Staffordshire, 3l. 5s. Manufactured iron: Merchant bars, 8l. 10s.; hoops, 9l. 10s.; sheets, singles, 10l.; doubles, 11l. 10s.; marked bars, 8l. 10s.; lattens,

13L; angles, 8L 15s. to 9L; gas strips, 8L 10s. to 8L 15t.; hall a 9L to 9L 10s.; Welsh bars, 7L 5s. to 7L 15s. at works,

Bosron, Sept. 19.—English Cannal Coal continues quiet, and proceed are nominally \$33 to \$34 per ton. In Sydney and Picton there have been easy at \$13 to \$14 per ton. Anthractic is in moderate demand, and prices are a shade a with sales in retail tots at \$14.56 to \$15 per ton. The transactions in Sociological Proceedings of the Proceed

Sales limited.

NEW YORK, SEPT. 21.—The demand for Domestic Coal is light for season, and prices are easier and quite unsettled; sales from yard at \$10 to \$15 pet for American Insot Copper has been in less active demand, but in prices there is seen it ceitar change. Small sales have been made at 50 c. to \$25 c. for Lake, and \$1c. in Baltimore. New sheathing and yellow social are firm at 72 c. and \$0 c. Tree has been ore steadiness in the market for Scotch Pig-Iron since our last, and \$6 in Postiness when the price of the postiness in the market for Scotch Pig-Iron since our last, and \$6 in Domestic Copper for home consamption; sales of 900 tons at \$65 to \$68. American ditte also no firm, with a moderate enquiry at \$70. Bar-iron rules firm, but is the market is quite Sheet-iron duli at former rates.

heet-from dull at former rates.

PHILADELPHIA, SEPT. 23.—The Iron Trade continues languid and dell
PHILADELPHIA, SEPT. 23.—The June 10 person of the series PHILADELPHIA, SEPT. 23.—The Iron Trade continues languid and dall, with very little disposition on the part of buyers to operate to any extent in the press unsettled state of the currency, but the stocks on sale are light, and holders are not deposed to make large concessions, and only some 600 tons of pix metal have been disposed to make large concessions, and only some 600 tons of pix metal have been disposed for lots at \$65 to \$67 for No. 3, and \$71 to \$72 for No. 3, and \$61 to \$67 to \$70 to \$72. Blooms and boiler-plates are in limited demand at previous prices, and its domand for manufactured iron generally is less active. At Pittaburg the tron marks dull. The decline in foreign exchange has caused a reaction. The buoyancy of basis two months has given way to a feeling of distrust on the part of consumers of \$\psi_0^2\$-ton and, as a consequence, the aggregate sales for the week have been unusually light, and continue firm in their views. Stock both at furnaces and in yard in the city being usually light for the season, and with a general resumption of operations by mills (so out of blast for repairs) a consumptive demand equal to present current receipts may anticipated. Sales comprise about 800 tons, in lost, at \$30, of charcoal forge, and \$75 for anthractic, cash and 60 days. Copper is but little enquired for, and prices are mostly unchanged, with small sales at 51 c. to \$20 c. for ingot, 72 c. for sheets, and 65 for yellow metal on the usual terms.—Coal: The shipments, except for old orders, side are mostly to go South for the Government, are very light, and the marksts, both as and at the East, continue very dull at quotatians, which are nearly nominal.—Units

THE TIN TRADE.—From Rotterdam (under date Oct. 1) Mr. L. Th. Houten writes:—The following statement of Banca tin was published to

day by	the !	Dutch	Trad	ing	Compa	any:-					
		84	ptemb	er.		IMPORTS.		Ni	ne mon	ths.	
1	1864		1863.		1862.		1864.		1863.		1860
Slabs	21,644		11.765		3,975	*******	132,951		90,926		112.7
		86	eptemb	er.		DELIVERIES.		Ni	ne mon	ths.	
	1864		1863.		1862.		1864.		1863.		186
						********		****	94,196		115.8
1	Stock o	OR WATE	ants, S	ept.		STOCK.		Unaol	d, Sept	. 30,	
	1864		1863.		1862.		1864.		1863.		1863
Slabs	84,95	0	94,636		93,287	********	38,996		33,762		31.6

THE COPPER TRADE.—Mr. J. Pitcairn-Campbell, of Liverpool, reports to market bears the pressure generally existing better than most articles; but urse, transactions are limited to the smallest possible extent. Transactions in

The MINING SHARE MARKET has been particularly dull and depres this week, with very few transactions, and these, for the most part, at reduced rates. The state of the money market, the heavy commercial failures, and the "rumours" always attending such a state of affairs, seem t have put a stop to speculation for the time, and the dealers remain quiet The failure of a house this week, caused by the defalcations of a confiden tial clerk and cashier, whose forgeries are said to amount to nearly 40,000l. tial clerk and cashier, whose forgeries are said to amount to nearly 40,000l, has caused some excitement in the City, especially as the delinquent wak nown to be a large speculator in foreign stocks and shares, and an occisional dabbler in mines. Everyone must agree with the Times that behoves all brokers and agents to be cautious in their transactions with persons holding situations of trust; but in the present instance, we understand, it was not generally, if at all, known that the person alluded to held any commercial situation whatever. He was known to deal extensively on his own account in Russian produce, and to receive large remitances from St. Petersburg; and we believe some of the large houses in the City, who occasionally made advances upon bills so received, were ignorant that he was engaged in any situation of trust, and looked upon him as one trading on his own account. In reference to his share speculation, we think we shall be able to show, from various reliable sources of information, that a comparatively small amount of money was ever paid by him for losses in mining speculations; and that many of the dealers in the mining market are rather severe sufferers through his default. When East Caradons were between 40L and 50L per share, the person alluded to had the mine privately inspected, and, upon getting his agent's report, he employed five or six different brokers on the Stock and Mining & changes to buy largely for him, for the "account." The price, however, contrary to his expectations, when down, and when the day of settlement came the different brokers found to their astonishment that they had all been buying for one and the same person, who could neither take up the stock nor pay the "differences." Consequently every broker had to provide for the settlement in the best way he could, and a panic ensued in the shares, which many of the readers of the Mining Journal will remember. The total loss in all these transactions which had to be provide for by the market, amounted to something like 6 has caused some excitement in the City, especially as the delinquent wa one or two lucky hits enabled him to meet them out of profits made; by many had to be renewed, and these, with others for rather a large amoun

years. As some of the earliest of these bills became due, we understand, one or two lucky hits enabled him to meet them out of profits made; but many had to be renewed, and these, with others for rather a large amount, still remain in the hands of persons on the market, and, of course, are valueless. His speculations in mines, however, from all we can gather, were as nothing compared with his transactions in foreign stocks; and of late he was known to have lost very heavily in one of the newly-explaints blished joint-stock banks. We may add that his employer appears to have had the utmost confidence in his honesty and integrity, and so, it wells seem, had almost everyone with whom he had come in contact.

East Grenville shares have kept quiet, and leave off 7½ to 7½; the west is worth 2 tons of ore per fm.; the 55 west, 35L per fm.; the rise above this level, 45L per fm.; the 75 has not yet come into a course of ore, but an elvan has made its appearance, as it did in the level above, as the lode improved for ore. Wheal Grenville shares are flat, at 6½ to 6½, with almost an entire absence of business. Wheal Crebor shares have been pretty firm, and leave off 42s. to 44s.; the lode is worth 30L per fm; the 96 east is 2½ tons per fm.; the stopes in the bottom are worth 30L per fathom. Carn Camborne, 32s. to 34s.; Clifford Amalgamated, 30 to 3½; Great Laxey, 14½ to 15½; Great Wheal Vor, 29 to 30; Hallenbeagle, 3 to 3½; Hingston Down, 4 to 4½; Kelly Bray, 13s. to 15s.; Marke Valler, 3½ to 4½; Nangiles, 26 to 27; North Roskear, 20 to 22; North Treskerb, 3½ to 4½; Rosiles, 6½ to 7½; West Chiverton, 55 to 60; West France, 82 to 30; West Seton, 205 to 210; West Tolgus, 52½ to 55; Wheal Buller, 13 to 15; Wheal Chiverton, 5½ to 6; Wheal Mary Ann, 16 to 17; Wheal Seton, 207½ to 212½; Wheal Trelawny, 19 to 20; Wheal Uny, 3½ to 4; Prince of Wales, 3s. 6d. to 4s. 6d. Alten, 25s. to 30s.; a good discovery has been made here, and shares in request.

On the Stock Exchange business in Mining Shares has been very dull On the Stock Exchange business in Mining Shares has been very daiduring the week. The following quotations were officially recorded in British Mining Shares:—Devon Great Consols, 581½, 577½; East Baset, 63, 64, 64½, 63, 62; Great Wheal Vor, 30½, 29½; Nangiles, 25½; Wheal Trelawoy, 18½; New Seton, 60; East Caradon, 27½; East Lovell, 8; Great Laxey, 15½; Tincroft, 6. In Colonial Mining Shares the prices were:—Worthing, ½; Yudanamutana, 1½; Port Phillip, ½. In Foreign Mining Shares the prices were:—East del Rey, ½: Don Pedro North del 1864.

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Bey, §: Pasuncillo, 1§; Cobre Copper, 27, 27§; Dun Mountain Copper, 1, §: Sk John del Rey, 36§.

Ref. 1: Passuncillo, 11: Cobre Copper, 27, 271: Dun Mountain Copper, 10: 18: John del Rey, 364.

Insst Mine Share Marker.—The very genuineness of the value of a mines has been the means of checking speculative transactions in them for the last few days. The uncertainty, for a time, of the turn which the value of money would take led our financial men to speculate chiefly fire a to succumb to a possible panic to any such extent as bank or railliely necessary thars. The consequence was that there were few buyers of mining shares, plenty of other shares having been thrown on the market at reduced pices; in fact, so far from mining shares giving way, they more than ministanced our last quotations. A few Wicklow Copper shares (21. 10s. paid) chares of the paid were also in demand, but the advance required by holders and control of the paid were also in demand, but the advance required by holders at the improved price of 18s. 6d., as well as for immediate transfer. Carysfet shares were on sale.

On the same day (Saturday last) when we gave the information that the Morning Herald had deputed a "special correspondent" to Ireland, his first production appeared. The theme he had est himself for his debut is first production appeared. The theme he had est himself for his debut is first production appeared. The theme he had est himself for his debut correspondent was but a few days in our country before he, with the power of observation for which we give him credit, discovered that the "to be or not to be "of the abilition of the Viceroyality is by no means a question of as much moment to Irishmen in general as is supposed by some folks in England, and he admits, with commendable and honest candour, in England, and he admits, with commendable and honest candour, in England, and he admits, with commendable and honest candour, in England, and he admits, with commendable and honest candour, in England is a trong political party-colour, that the real wants of the Irish people are, after all, not to be purely political movement

COAL MARKET.—The arrival of 108 ships caused a busy market in household coal, and a large business was done at fully last day's prices. Harlley's and manufacturers' continued a steady trade at previous quotations. Best house coal, 19s. 9d. to 20s. 6d.; seconds, 18s. 3d. to 19s. 3d.; Harlley's, 18s. to 19s.; manufacturers', 13s. 6d. to 16s. 6d. per ton.—On Wednesday only 12 ships arriving, and from the strong easterly winds on the coast little prospect of supplies for some days, produced a firm tone in the market for house coal, and prices quote an advance of 6d. per per ton. No alteration in Hartley's or manufacturers'.—On Friday, the 16 arrivals were all steamers, with gas and contract coal. The small quantity for sale was entirely cleared off at fully last day's prices for all descriptions. Hetton Wallsend, 21s.; 3d.; Haswell Wallsend, 21s.; South Hetton Wallsend, 21s.; Tunstall Wallsend, 19s.; Hasting's Hartley, 19s.; unsold, nil; 25 ships at sea.

The London Coal Trade.—During September the various railways

Mr. R. Maithews addr.—"The sale of copper ores on Sept. 20, to come to credit of next account, amounts to 1500s, 6s. 4d., in addition to which there will be the sale of tin. The 25 fms. driven through in the 10d are worth on an excess of the control of the 10d are worth on an excess of the control of the 10d are worth on an excess of the control of the 10d are worth on an excess of the control of the 10d are worth on an excess of the control of the 10d are worth on an excess the 10d are worth on the 10d are At Great East Lovell general meeting, on Thursday, the accounts showed a cestit balance to end of July of 2883. 9s. 10d. It was expected the engine-house would be built in four weeks. The contract entered into was to erect the engine in eight weeks.

At East Wheal Lovell four-monthy general meeting, held at Helston, on Thursday (Mr. Henry Regers, the purser, in the chair), the accounts showed a loss of 504. 1st. 1d., and a balance against the mite of 152. 19s. 3d. The Chairman stated that he greatly regretted the present financial state of the company, as he fully believed at the last meeting of shareholders they would have been able to have declared a similar dividend to the last, of 10s. per share, otherwise he would never have been a party to the declaration of the last dividend. There was, however, no necessity for any cell, as had been for some time reported, and but for operations being almost entirely confined to the new shaft, the accounts would have shown a very different position.—Capt. Burgan stated, in answer to questions, that in consequence of the sinking of the new shaft, and the suspension of sinking on the rich bunch of tin on the north lode, in the bottom of the shaft, and other places, the returns had not been so much as expected, and it would take shout two months to finally complets the new shaft, when the returns would increase.

At South Wheal Scton meeting, on Sopt. 26, the accounts for the quarter ending with the costs for June showed a debit balance of 1044.0s. 4d. A call of 10s. per share was made. The committee having recommended that the 139 relinquished shares be offered for sale, it was resolved that the meeting be adjourned until after the shares to offered for sale, it was resolved that the meeting be adjourned until store the shares to offered for sale, it was resolved that the meeting be adjourned until store the shares to offered for sale, it was resolved that the meeting be adjourned until the next general meeting. It was resolved that the meeting on Sopt. 29, the accounts f

showed a debit balance of 15261. 78. 13., which, diviced pro raid, requires a can or 158. 33, per share.

At the Wheal Reeth meeting, on Sept. 28 (Mr. E. Rodd in the chair), the accounts for the quarter ending with the costs for June showed a debit balance of 6341. 68. 73. The loss upon the quarter was 2751. 78. 113. Looking at the report of the agents, and the prospects of future returns of tin from the mine, the committee recommended the above balance to be carried forward. The agents concluded their report by stating that they have "81 men working 29 pitches, at an average tribute of 7s. 6d. in 14., at the prent value of tin. In conclusion, we beg to remark that the prospects of the mine continue to be quite as good as at the last account. We shall at once prepare to put the wire-rope to work, which we calculate will take about a fortnight to complete; when this is done we shall be able to draw a much larger quantity of tinstuff, which is a matter of considerable importance to the mine."

At the Consett Iron Company half-vearly meeting, held in Newcastle,

put the wire-rope to work, which we calculate will take about a fortnight to complete; when this is done we shall be able to draw a much larger quantity of tinstuff, which is a matter of considerable importance to the mine."

At the Consett Iron Company half-yearly meeting, held in Newcastle, on Sept. 28 (Mr. H. Fenwick, M.P., in the chair), the report showed the nett profits for the half-year had amounted to upwards of 21,000f., of which the directors had appropriated about 6000f. for the improvement of the works, this step being deemed preferable to an augmentation of the capital; and the available surplus, it was found, was sufficient to warrant a dividend of almost 10 per cent., which was accordingly declared. Authority was given to the directors to borrow a sum not exceeding 60,000f., with the view of continuing existing mortgages to the extent of 32,000f., but especially for the purpose of inoreasing the puddling powers, which it was stated would largely increase the profit of the company. In proof, indeed, of the importance of this latter measure, the Chairman mentioned the fact that had such facilities been in operation during the past half-year, the baiance of receipts for that period would have been sugmented by not less than 10,000f. The retiring directors were re-elected, and a vote of thanks for their services was unanimously accorded to them.

At Muntz's Motal Company first general meeting, on Wednesday, at the Royal Hotel, Birmingham (Mr. G. F. Young in the chair), the Chairman, in moving the adoption of the report of the directors (which appeared in last week's Journal), reviewed the position and prospects of the company, which he spoke of as encouraging. He had no reason whatever to doubt but that it would realise a reasonable dividend; at the same time he could well understand how those who entered the concern in anticipation of an enormous return for their investment—a sort of mine of wealth—were likely to feel some time it may be a quastion by Mr. Robert Wright, the Chairman said that the bo

siming Intelligence.

At Wheal Basset meeting, on Tuesday, the accounts showed a credit balance of 1829. The profit on the two months' working was 926. A dividend of 6502. 52.

At the Cwm Erfin Mine meeting, on Sept. 29, a dividend of 6502. 52.

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At Caradon and Phoenix Consols Mine meeting, on Monday, the accounts showed a credit balance of 2752. 82. 53. The workings had been delayed for want of witer, but the directors hope that very shortly operations will be spiritedly resumed. 62. W. W. Richards recommends "that the engine-shaft be sunk to the 45 and 60 fathorn lively, boileving that if this be done, and the levels properly extended in the usual mining way, good success will attend our efforts. We have several tons of mundic and blende, with some good quality copper ore, broken underground, to be hauled to surface as soon at the water is in fork. I consider the prospects of the mine to be very cheering." A larnightly report is to appear in the Journal.

At North Treskerby Mine meeting, on Tuesday, the accounts for July last angust showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor, Tregoning, and January showed a credit balance of 2432. 58. 7d. Captains Pryor of the preced

THE BANK RETURNS.—This week's Bank returns have been regarded so unfavourably as to adversely affect the value of all descriptions of stock. The chief item referred to is the serious decrease in the "reserve;" but when it is stated that the whole of the salaries of Government officers, clerks, &c., are payable quarterly in gold and notes, and therefore deducted from the "reserve," a considerable proportion of this diminution is satisfactorily accounted for.

	LEAD ORES.
	Sold on the 30th September.
Mines.	Tons. Price per ton. Purchasers.
Minera	£14 6 0 Walker, Parker, & Co.
	14 6 0 ditto
ditto	91 14 6 0 ditto
ditto	14 6 0 ditto
ditto	48 14 6 0 ditto 2114 14 6 6 ditto 2114 14 6 6 Brymbo Co.
ditto	21 6 6 Brymbo Co.
ditto	8 11 0 0 Walker, Parker, & Co.
	Sold on the lat October-
Dyliffe	64 13 16 6 A. Eyton.
ditto	13 14 0 Newton, Keates, & Co.
O F	Sold on the 4th October.
Wassersoft	
ditto	
	Sold on the mine.
New Laxey	714 14 15 0 Sims. Willyams. & Co.
ditto	74 14 15 0 Sims, Willyams, & Co 14 15 0 Walker, Parker, & Co Walker, Parker, & Co.
ROMAN GRA	VELS LEAD MINING COMPANY.—The following is a return of the Lead and
Blende Ores s	old by this company during the quarter ending September 30:-
Y 4	Tons c. q. lbs. Amount.
Bianda	
Thiering	
	BLENDE.
	Sold on the 30th September.
Mine.	Tons. Price per ton. Purchasers.
Minera	
ditto	6 3 11 6 Vivian & Sons.
ditto	
	Sold on the 4th October
Great Laxey .	319 0 Vivian & Sons.
	BLACK TIN.
Mines.	Sold on the 28th September.
Cuddra	Tons c. q. 1bs. Price per ton. Amount. Purchasers.
Cudura	Sold on the 1st October.
Pedn-an-drea	Utd. 8 0 0 8 489 0 7-Carvedras.
	Cidi 6 6 6 5 iiii - iiii 465 6 1-Calvedias.
	COPPER ORES.
	Sold on the 4th October.
Mines.	Tons. Price per ton. Purchasers
Great Laxey .	Pocket Nook Co.
	COPPER ORES.
	Sampled Sept. 21, and sold at Tabb's Hotel, Redruth, Oct. 6.
Miner	Tone Price Mines Tone Votes
Mines.	Tons. Price. Mines. Tons. Price.
Clifford Amal	ramated., 113 £4 7 0 East Pool 47 £2 0 6
Clifford Amal	ramated., 113 £4 7 0 East Pool 47 £2 0 6
ditto	gamated. 113 £4 7 0 East Pool 47 £2 0 6 88 9 10 6 ditto 37 4 16 6 77 3 0 6 ditto 35 2 8 0 76 4 9 6 ditto 22 3 15 0
ditto ditto ditto	gamated113 £4 7 0 East Pool 47 £2 0 6 88 9 10 6 ditto 37 4 16 6 77 3 0 6 ditto 35 2 8 0

unsold, wil; 25 ships at sea.	nation having been offered by several members of the board to the effect that it was ex-	Sampled Sept. 21, and sold at Tabb's Hotel, Redruth, Oct. 6.
THE LONDON COAL TRADE.—During September the various railways	pected the accounts would not be sufficiently made up to enable them to call the meeting before the second week in April next.	Mines. Tons. Price. Mines. Tons. Price.
having access to the metropolis carried 171,914 tons 11 cwts. of coal, coke,	The state of the s	Clifford Amalgamated 113 £4 7 0 East Pool 47 £2 0 6
&c., against 167,498 tons for the corresponding month of 1863. The	At the Linares Lead Mine meeting, on Thursday (Mr. C. Morris in the chair), the report of the directors and balance-sheet were received and adopted. Details	ditto 88 9 10 6 ditto 37 4 16 6
London and North-Western Railway entered 71,767 tons 18 cwts.; Great	in another column.	ditto 77 3 0 6 ditto 35 2 8 0
Northern, 64,195 tons; Great Eastern, 18,625 tons 7 cwts.; Midland,	At the Fortuna Company meeting, on Thursday (Mr. C. Morris in the	ditto
10,593 tons 18 cwts.; Great Western, 4000 tons; South-Western, 1625	chair), the report of the directors and accounts were received and adopted. Details in	ditto
tons 9 cwts.; London, Chatham, and Dover, 1047 tons 19 cwts.; and	another column.	ditto
Tilbury and Southend, 59 tons. So far in the present year the railways	At the Beariz Tin Streaming Company adjourned special meeting, on	ditto 65 10 11 0 South Tolgus 58 8 1 6
have entered 1,669,349 tons 4 cwts., against 1,237,153 tons 18 cwts. for	Monday (Mr. Pember in the chair), it was unanimously resolved that it was expedient	ditto 59 4 5 0 ditto 55 3 15 (
	to raise 10,0001. by the creation of new shares, in substitution for the 10,000 preference	ditto 54 9 9 6 ditto 47 3 14 6
the first nine months of 1863, being an increase of 432,195 tons 6 cwts.	C shares, created at the meeting held in Jan., such new shares to entitle the holders to	ditto
The canal supply has been for September 731 tons 5 cwts., against 877	a preferential dividend of 10 per cent. per annum, and also to a further dividend pari	ditto 18 3 16 6 ditto 24 6 0
tons for September, 1863; and upon the year there is a decrease of 478	passu with the ordinary shareholders. A special meeting will be convened for the pur- pose of passing the necessary resolutione. Details in another column.	Consols 54 9 8 6 South Crofty 54 2 16 0
tons, this years's supply being 6992 tons 5 cwts., against 7470 tons	post of passing the decessity resolutione. Details in another column,	ditto 33 7 9 6 ditto 31 1 14
5 cwts. from January 1 to September 30, 1863.	[FROM A CORRESPONDENT,]	ditto 2 40 3 6 ditto 24 5 13 6
LIVERPOOL COAL TRADE From the Coal Circular of Messrs. Platt we		Wheal Seton
learn that the quantity of Cannel, coal, coke, and patent fuel shipped at	Chart it made total traine just retained from a tible to sid Creat	ditto
	to a manifest and the promising to be unto to state at no period	ditto 79 4 10 6 ditto 35 1 18 6
Liverpool in Sept. was 61,524 tons, and in the corresponding month of		ditto 78 1 6 6 East Resset 46 5 13 6
last year 59,184 tons, showing an increase last month of 2340 tons. The	lode been so rich for mineral. An agent of good practical experience was underground	ditto 70 6 16 0 ditto 4) 6 9 0
exports coastwise during Sept. were 11,563 tons; same month last year,	there on Wednesday last, who valued the different ends driving on the course of the lode	ditto 65 8 0 0 Tineroft 68 3 2 (
13,328 tons—decrease last month, 1765 tons. Total exports coastwise	others, and Ivey's shaft being worth for its length 9957 to 2507 nor for so that the total	West Seton 69 4 18 0 ditto 12 10 16 ditto 64 4 12 6 New Treleigh 40 2 18 0
Jan. to Sept., 108,007 tons; same period last year, 74,667 tons—increase	value of the tutwork barrains, evolutive of the stones, may be stated in round figures	ditto
this year, 33,340 tons.	at 1000%, per fm. In the district the shares are considered likely to advance consider-	ditto 62 4 10 6 ditto 12 5 17 ditto 60 2 17 0 Carn Camborne 34 3 3
BRISTOL COAL TRADE.—During September 844 tons of coal were ex-	value of the tutwork hargains, exclusive of the stopes, may be stated in round figures at 1000. per fm. In the district the shares are considered likely to advance considerably, as the ground being laid open monthly is five or six times greater in value that	ditto 56 8 13 0 ditto 11 7 8 (
	the monthly returns.	ditto 51 8 0 6 Condurrow 32 4 16 6
ported over sea from Bristol, as against 1948 tons in the preceding month,	WEST WHEAL VOR.—Here the engine, a new 50, by Harvey and Co.,	1 ditto 50 4 3 6 Crano 18 10 14 6
showing a decrease of 1104 tons in the shipments. The exports in Sept.	will go to work in about three weeks. The shaft is down 15 fms. below	ditto
were made as follows:-Cronstadt, 330 tons; Demerara, 270 tons; St.	the adit, or 30 fms. from surface, on the Carnmeal lode of Great Wheal	East Pool
John's (Newfoundland), 244 tons: total, 844 tons. Compared with the		ditto 54 2 19 6
corresponding month last year, when 801 tons of coal were exported from	work the lode (on the back of which for the last 15 fathoms the shaft has been sunk dia-	TOTAL PRODUCE.
Bristol, the above returns show an increase of 43 tons in the exports.	gonally) will be taken down, and from the indications when it was last seen, in cutting plat, &c. in the adit level, the agent confidently expects a good course of tin. There are	
	several other lodes to the north of the engine-shaft—Great Metal lode, Metal south lode,	Wheal Seton 501 2416 17 6 East Basset 86 519 1
At Redruth Ticketing, on Thursday, 3289 tons of ore were sold, realis-	Oats's Backbone lode, &c., all which will be intersected by a cross-cut in the 15 fathom	West Seton 455 2385 16 6 Tincroft 80 840 14 (
ing 16,9311. 9s. The particulars of the sale were:-Average standard,	level, and the engine is of sufficient power to develope all the lodes as deep as the 120	East Pool 327 842 16 9 New Treleigh 52 186 4
\$ 1221. 11s.; average produce, 64; average price per ton, 51. 2s. 6d.; quantity	fathom level. A great advance on the present price of these shares (which at 30s. per	Wheal Basset 160 1177 0 0 Carn Camborne 45 189 7
of fine copper, 211 tons 19 cwts. The following are the particulars:-		South Tolgus 160 849 13 6 Condurrow 32 154 8
Date Many Occasional Decision Dates were ton Day male Our commen	made here. The cost of the engine and buildings has been provided for, and after it is paid there will be a balance remaining of 1800l. or 2000l. to meet the future cost of the	Dolcoath 114 551 9 0 Crane 30 257 5 South Wheal Crofty 109 338 3 6 Camborne Vean 13 28 18
Sept. 1 2837 . £122 12 0 . 65% £8 6 £8. 66 £81 6 6 8 8 £81 6 6 9 8 £81 6 6 9 8	mine. The shares are held by parties conversant with mining, and the manager is Capt. J. Southey, who was brought up as a miner under his uncle, the late Capt. Joseph Lyle, so that there is every reason for believing this concern will be vigorously, judi-	West Tolgus 100 707 10 0 Hilogan Mines 5 9 10
" 8 2083 124 60 6 5 50 16 4 81 12 0	Capt. J. Southey, who was brought up as a miner under his uncle, the late Capt. Joseph	Average Standard£122 11 0 Average Produce
" 22 4506 130 16 0 536 4 12 6 16 5 82 1 6	Lyle, so that there is every reason for believing this concern will be vigorously, judi-	Average Price per ton£5 2 6
0et 5 9000 100 11 0 61/ 5 9 6 15 11/ 70 17 6	clously, and economically developed.	Quantity of Ore 3289 tons Quantity of Fine Copper, 211 tons 19 owts
Compared with lest week's cale the standard has slightly advanced Com-	EAST WHEAL VOR.—Here good progress is being made in sinking the	Amount of Money£16,931 9 0
pared with the corresponding sale of last month, the decline has been in		LAST SALE,—Average Standard£123 19 0.—Average Produce6)
the standard 17 As and in the purious seasons as about 10 Cd		Standard of corresponding sale last month, £122 12 0.—Produce, 6%.
the standard 11. 4s., and in the price per ton of ore about 1s. 6d.	ing in the 60 east, &c in fact, the lode shows every indication of becoming very valu-	COMPANIES BY WHOM THE ORES WERE PURCHASED.
At the Wandsfast Mine meeting on Tuesday the accounts showed a	able for tin at the next level, as well as in extending the present levels. A parcel of good quality tin will be sold before the next pay-day, and it is expected to realise an	Names. Tons. Amount.
At the Herodsfoot Mine meeting, on Tuesday, the accounts showed a profit on the four months' working, to end of Aug., of 18151. Os. 1d., a balance of assets	amount equal to about one month's cost, so that a slightly increased production of tin	Vivian and Sons 32934 £2444 8 Freeman and Co. 32934 1715 16 Greafell and Sons 4284 2002 0
over liabilities of 43811. 8s., and a cash balance of 27091. 8s. 3d. A dividend of 35s. per		Grenfell and Sons
share was declared. Messrs. Loam, Hawke, Caunter, Hawker, and C. Davey were re-	there is 40001, to 50001, in hand, so that with prudence, economy, and vigorous manage-	Bims, Willyams, and Co 268 1049 10 9
elected members of the committee. Captain Trevillion's report is inserted among our	I ment it may be looked upon as ere long a certain dividend property. Shares can now be	Williams, Foster, and Co 80314 3280 6 0
Mining Intelligence.	had at 11. 10s. to 21., although issued at 51., so those who avail themselves of the present	Mason and Elkington
At Wheal Basset meeting, on Tuesday, the accounts showed a credit	depression by buying at current rates can hardly inour the risk of loss.	Charles Tembert 3884 1874 18 3
balance of 18291. The profit on the two months' working was 9261. A dividend of	SITHNEY METAL is looking much as usual in the Old Metal part; but	Newton, Kentes, and Co
768/. (13. 10s. per share) was declared, and 1061/. carried to credit of next account.	on the eastern boundary, near East Vor, on Metal lode, it is reported there	Sweetland, Tuttie, and Co 20534 522 5 8
At the Cwm Erfin Mine meeting, on Sept. 29, a dividend of 650l. 5s.	are in a shaft a few fathoms from surface some fine branches of tin, worth	Charles Lambert
(15s. per share) was declared. The prospects of the mine are excellent.	101, or 151, per fathom. These shares must be well worth attention at their present low	
	price of 11. 10s. to 21., the situation of the mine being such as to justify the expectation	Total
At Caradon and Phoenix Consols Mine meeting, on Monday, the accounts	that it must eventually prove a great success. Shares a few months ago were freely marketable at 51. 10s. to 61., and doubtless will be so again before Midsummer, 1865.	Copper cres for sale on Thursday next, at Tabb's Hotel, Redruth.—Mines and par-
showed a credit balance of 2751. St. 5d. The workings had been delayed for want of water, but the directors hope that very shortly operations will be spiritedly resumed. Cot. W. Richards recommends "that the engine-shaft be sunk to the 45 and 60 father of the comment of the	and deliver at the ser, and delivered with the se again octors attaining the party	cels - West Reset 405 Carn Rres 295 - Prosper United 324 - East Carn Bres 233 -
Capt. W. Richards recommends "that the engine-shaft be sunk to the 45 and 60 fathorn	THE LONDON ASSOCIATION OF FOREMEN ENGINEERS.—The ordinary	cels. — West Basset 405—Carn Brea 395—Prosper United 334—East Carn Brea 233—Rosewarne Consols 129—West Fowey Consols 121—Charlotte United 119—Par Consols
series lik rust it this be done, and the leads bloberly extended in the name mining	I manable manting of this and the trade along the control of	117 - Rosewarna United 95 - Conner Hill 90 - Great South Tolgus 63 - West Alfred Con
"ay, good success will attend our efforts. We have several tons of mundic and blende,	I mounty meeting of this society took place on Saturday, at his rooms in	sols 56-Bampfylde 52-Wheal Anna 37-South Carn Brea 34-Wheal Vyvyan 26-
With some good quality seemes are broken underground to be bauled to surface as soon	Doctor's Commons City The husiness transacted however was princi-	South Dolgooth 24 - Wheel Ager 22 - North Frances 14 - Rolling Well 10 - Boswidden

Copper ores for sale on Thursday next, at Tabb's Hotel, Redruth.—Mines and parcels.—West Basset 405—Carn Brea 395—Prosper United 334—East Carn Brea 235—Rosewarne Consols 129—West Fowey Consols 121—Charlotte United 119—Par Consols 117—Rosewarne United 98—Copper Hill 90—Great South Tolleus 65—West Aifred Consols 56—Bampfyide 52—Wheal Anna 37—South Carn Brea 34—Wheal Vyvyan 28—South Doisouth 26—Wheal Agar 22—North Frances 14—Bolling Well 10—Boswidden 9—Camborne Consols 5.—Total, 2403 tons.

y—Camborne Consols 5.—Total, 2403 tons.

Copper ores for sale on Thursday week, at the Royal Hotel, Truro,—Mines and parcels.—Devon Great Consols 2022—East Caradon 478—Marke Valley 410—Okel Tor 264

—Devon and Cornwall 254—Bedford United 198—Brookwood 160—Wheel Edward 146

—Wheel Friendship 120—Yarner 100—Kelly Bray 57—New Cornish 67—Lady Berhak
76—South Bedford 60—North Wheel Robert 39—East Wh. Florence 38—Fursdon 34—
Collacombe 32—Sortridge Consols 38—Hawkmoor 21—Great Treguno 7—Eabey's Ore 3

—Total, 4639 tons.

WATSON AND CUELL'S MINING CIRCULAR.

WATSON AND CUELL,

MINING AGENTS, STOCK AND SHARE DEA ERS, & 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

Messrs. Warson and Cuell having made arrangements for transferring their weekly Circular, which has had so large a circulation during the past ten years, to the columns of the *Mining Journal*, their special reports and remarks upon Mines and Mining, and the state of the Share Market, will

their weekly Circular, which has had so large a circulation during ine past ten years, to the columns of the Mining, Journal, their special reports and remarks upon Mines and Mining, and the state of the Share Market, will in future appear in this column.

In the year 1843, when Cornish mining was almost unknown to the general public, attention was first called to its advantages, when properly conducted, in the "Compendium of British Mining," commenced in 1837, and published in 1843, by Mr. J. Y. Watson, F.G.S., author of "Gleanings among Mines and Miners," "Records of Ancient Mining," "Cornish Notes" (first series, 1862), "Cornish Notes" (second series, 1863), "The Progress of Mining," with Statistics of the Mining Interest, annually for 21 years, &c., &c. In the Compendium published in 1843 Mr. Watson was the first to recommend the system of a "division of small risks in several mines, ensuring success in the aggregate," and Messrs. Watson and Cuell have always a selected list on hand. Perhaps at no former period in the annuals of mining has there been more peculiar need of honest and experienced advice in regard to mines and share-dealing than there is at present; and, from the lengthened experience of Messrs. Watson and Cuell, they are emboldened to offer, thus publicly, their best services to all connected with mines or the market, as they have for so many years done privately, through the medium of their own Circular.

Messrs. Watson and Cuell. transact business in the purchase and sale of mining shares, and other securities, payments of calls, receipt, and transmission of dividends, obtaining information for clients, and affording advice, to the best of their knowledge and judgment, based on the experience of more than 30 years active connection with the Mining Market.

Messrs. Watson and Cuell. also inform their clients and the public, that they transact business in the public funds, railways, docks, insurance, and every other description of shares dealt in on the Stock Exchange.

Messrs. Watson and cre

mining districts, and an extensive connection among the largest holders of mining property, have the more confidence in tendering their advice on all matters relating to the state and prospects of mines and mining companies, and are enabled to supply shares in all the best mines at close market prices, free of all charges for commission.

SOUTH DARREN.—We understand that this mine is looking very well SOUTH DARREN.—We understand that this mine is looking very well. It was inspected about a month ago by an agent, who reported that the 30 fathom level west had been driven nearly 45 fathoms, in a lode worth 12l. to 45l. per fathom, the end being worth 25l. per fathom, and that the 40 (which was a long way behind the 30 fm. level end) had been driven about 13 fathoms, in a lode worth 10l. to 35l. per fathom, the end being worth 30l. to 35l. per fathom. In the 30 there were about 23 fathoms in length of this ore ground standing whole, for 9 fms. high, and 8 fms. in length for 3 fathoms high; while in the 40 the ore ground was untouched from level to level. The 20 has opened many fathoms of moderate lead ground, but is now disordered by a cross-course, the same having occurred in the 30. The 50 is nearly under the ore ground in the levels above, and the lode in the end already produces a little lead and copper. In both the 20 and 50 early improvements are expected. The 30 and 40 have maintained their value since the inspection, and when the winze between these two levels is communicated (in about three months), it is said that the retwo levels is communicated (in about three months), it is said that the re-turns can be considerably increased, and as the mine is already nearly pay-ing cost, good profits would then be made. As the levels advance into high hill, the ends are a good deal more from surface than their numbers indicate—those being calculated as at the shaft. The mine is situate in the rich district of Cardiganshire, with two dividend mines adjoining it.

WHEAL CREBOR continues to look well. At Cock's shaft the lode is 7 ft. wide, and if ore comes in shares will take another good start. The will be 120 tons of ore, worth 600l. to 700l.

EAST BOTTLE HILL.—The reports of Capt. Charles Thomas and others show there is a very valuable property here, but in these dull times it is almost useless calling attention to anything, however good.

Leawood.—The engine is expected to be at work by the 21st instant, and in a fortnight after that they will probably have drained the 20 under adit. Looking at the ore in the lode, where seen in the adit, important discoveries may be anticipated at a deeper level, even in the 20, particularly under such a splendid gossan.

THE MARKETS.—The state of affairs at present is just this—everybody seems to want money, and tries to sell whatever he holds in order to get it; but there is not enough in the market to supply all, and those who have it hoard it for high rates and good security; and the consequence of there being so many sellers of stocks and shares is that no one will buy, and a species of panic ensues. Things, however, will soon right themselves, and, perhaps, be all the better for a little purging; and when things have got to their lowest will be the time to pick up bargains. We have experienced these sort of times before, and the reaction is generally in proportion to the previous dulness.

SCOTTISH ENGINEERS.—The seventh volume of the "Transactions of the Institution of Engineers in Scotland," containing the papers read and the discussions thereon during the session 1863-4, has just been issued by Messrs. Bell and Baln, of Glasgow. The volume is admirably litustrated, so that the several papers are rendered thoroughly intelligible. The financial position of the institution is all that could be desired, and the advantages accruing from the labours of the society are daily becoming more generally recognised.

QUARTERLY JOURNAL OF SCIENCE.—The original articles contained in the October number are particularly interesting, especially those by Mr. William Fairbairn, "On the Construction and Mechanical Properties of Submarine Telegraph Cables," and by Dr. Odling, "On the Proportional Numbers of the (Chemical) Elements," In Mr. Fairbairn's paper the entire subject is treated with such care, and in such detail, that much may be done toward preventing the probability of future failures. The great importance of Dr. Odling's paper is to be found in the circumstance of its being a systematic comparison of secertained facts, with Judicious observations as to the manner in which they may probably be turned to account. The other original articles are—on Radiant Light and Heat, by Mr. Balfour Stewart; on the Sources of Living Organisms, by the Editor, Mr. James Sameslson; on the Formation of Coral, by Prof. Duthlers; and on Butterfles of Madagascar, by Mr. Rowland Trimes. The Chronicles of Selence are compiled with particular care, and the Reviews, Notes, and Correspondence, are of the usual interesting character. QUARTERLY JOURNAL OF SCIENCE.—The original articles contained in

eare, and the Reviews, Notes, and Correspondence, are of the usual interesting character.

POPULAR SCIENCE REVIEW.—The principal original article in the Oct.
number is that upon the Metric System, by Mr. James Spear, in which
the advantages are very clearly and carefully pointed out. The other original articles are.—Extraordinary Ships, by Mr. Mackie; Good Food, by
Dr. Lankester; on the Origin of Local Floras of Greas Britain and Ireland, by Harland
Coultas; Metamorphism, by Prof. Austed; the Morphological Pecultarities of Linaria
Spuris, by Mr. Magrath; Recent Investigations into the Natural History of the Red
Coral, by the Editor; and What is a Stimulant? by Dr. F. E. Anaste. Amongst the
reviews, perhaps the most interesting is the allusion to the "Passages from the Life of
a Philosopher (?)," a book containing the complaints of an unaccessful inventor, whose her (?)," a book containing the complaints of an unaua Philosopher (?)," a book containing the complaints of an unsuccessful inventor, whose scheme the Government, after sufficient investigation, and supplying a certain amount of funds, abandoned as a project indefinitely expensive, of problematic ultimate success and of such a nature that the cost of rendering it of any practical utility old not admit of calculation. Algebraically speaking, the negative quantity of Mr. Babbage's success with "the nasty organ grinder" is added to the positive quantity of his failures in connection with the calculating machine, and the sum is a moderately readable book. The Scientific Summary contains a good account of the progress of the several sciences during the three months under review, and the entire book is well calculated to maintain the reputation it has already acquired.

PRESERVATION OF WOOD.—The following method is used in Germany or the preservation of wood. Mix 40 parts of chalk, 40 of resin, 4 of linseed oil, melting them together in a iron pot; then add I part of native oxide of copper, and after-rards, with care, I part of suiphuric acid. The mixture is applied while hot to the rood by means of a brush. When dry it forms a varnish as hard as stone.

EXPLOSION OF A LIME-LIGHT APPARATUS.—The Scientific American EXPLOSION OF A LIME-LIGHT APPARATUS.—The Scientific American writes that at a political meeting in New York, on Sept. 8, among the attractions a lime-light was exhibited, and soon after the light was kindled a portion of the apparatus exploded, seriously wounding two women, one of whom has since died. The light was prepared by Mr. Robert Grant, and in his testimony he states that the cylinder which exploded contained pure oxygen, with a mixture of 1-12th part by measure of illuminating gas, compressed by a force of 15 stmospheres, or 200 lise, to the equare inch. In taking the apparatus to the ground the jet pipe was bent so as to expose it more than usual to the best, and in this way the explosive mixture was set on fire.

THAMES TUNNEL COMPANY .- Receipts for the week ending October 1, 1, 0, 94,; number of researcers, 18,849.

MINING FINANCIAL ASSOCIATION (LIMITED). TO THE DIRECTORS OF THE MINING PHANCIAL ASSOCIATION (LIMITED).

ENTIRELY.—The first point I shall refer to in my report this week is the fact that
shares purchased last week are already sold at a profit. We do not say at a large
it, for that is not what we require. We particularly wish that our clients buying
a should do well by their investments, and so retarn to us to bely to well use their

the shares purchased inst week are already sold at a profit, We do not say at a large profit, for that is not what we require. We particularly wish that our clients buying of us should do well by their investments, and so return to us to help to well use their profits.

Business generally in mining matters has been more than usually dull this time of year, as compared with that of last year. Perhaps this has partly arisen from the high rate of money and the great demands and indocements to speculators to invest in discount, financial, and a great number of other schemes. If will, doubtless, take some time for the usual amount of speculation in mines at this time of the year to flow on evenly in its accustomed and generally prosperous course.

When joint-stock and other banking establishments have taken a vast number of securities not worth the money advanced upon them, and, in their eagerness for business and rivalry, shall have departed from the strictest rules of good management and prudence, then a great fail in the value of such shares will take place; and let us hope that the money will find its way into the more certain mining world.

I have no doubt that many will contradict my assertion that mining is more certain than banking and other shares; but I will explain myself, by eaying that when a mine is situated in a good district, has valuable reserves, is opening out profitable ground, is paying good dividends, shares may be bought to pay 14 per cent. Gentlemen, you can always tell at the bi-monthly or quarterly meetings of such a mine exactly how the mines stands. You have receipts and expenditure on each aide, and you can se homomous advances to customers of our banks. Suppose a commercial pant to arise, suppose an inefficient or careless manager, and where is the fancied security of our banks? May be there may be more than one bank in the country similar to the late one in the West Riding of Yorkshire.

Now let me turn to our actain work during the week, which is fully marked out by the lotters and re

Offices, No. 32, Walbrook, London, E.C., October 7, 1864.

THE CHILIAN MINING AND TRADING COMPANY
(LIMITED).
Incorporated under the Companies Act, 1862, with limited liability.
Capital £340,000, in 17,000 shares of £20 each.
Deposit on application £1 per share, and on allotment £4 per share.
Calls not to exceed £5 per share, and at intervals of not less than three months.
In the event of no allotment being made the deposits will be returned in full.
JUHN VANNER. Fag., Colemna, treet, (a) Director of the City Bank).

ABRIDGED PROSPECTUS.

This company is formed for the purpose of purchasing and working two copper mines in Chill, called Descubridora and San Pedro, and of acquiring certain valuable freehold premises, plant, and stores, together with an existing trade in connection therewith at the ports of Chanarai and Pan d'Asuars, and a distiliery of water from the sea. The profits for the year 1863, arising from the mines and other sources of revenue, have been at least £75,000, estimating three unsold cargoes at 18s. 6d. per unit. The ores have been sold in England, by Messrs. Frederick Huth and Co., of London and Liverpool, whose accounts may be seen at the offices of the company.

It thus appears that the nest profits to the company may be estimated at upwards of 20 per cent, per annum, with a prospect of increase as the mines become further developed.

sloped. Two cargoes of ore, containing about 1000 tons, have already arrived to the acco the company, and three cargoes, containing about 1500 tons, are on the way. A copy of the Memorandum and Articles of Association can be inspected at the off the company, and of the solicitors. Detailed prospectases, and forms of application for shares, can be obtained at the off the company, of the bankers and brokers to the company, and of the solicitors.

THE ISLE OF MAN SLATE QUARRY AND
GOLD MINING COMPANY (LIMITED).

Incorporated under the Companies Act, 1862, which limits the liability of each
shareholder to the amount of his shares.

Capital E160,000, in 160,000 shares of £1 each.
Deposit on application 2s. 6d. per share, and 2s. 6d. on allotment.
No call to exceed 2s. 6d. per share, and 2s. 6d. on allotment.
No call to exceed 2s. 6d. per share, and 2s. 6d. on allotment.

A less number than 100 shares will not be allotted.

DIMECTORS.

Capt. R. J. MARSH. R.N., Cottage Mona, Ramsey—Chairman,
Capt. EWEN CAMERON, Glenfaba House, Peel.
SAMUEL BROADBENT, Esq., Bibalce, Onchan, near Douglas,
JOSEPH BIGGINS, Esq., Peveril-terrace, Peel.
LESLIE LOCKHART, Esq., H.M. Customs, Peel.
Capt. G. RUSSEL, 103, Albany-street, Regent's-park, London.
JOHN MORGAN, Esq., Wainham Lodge, Shrewsbury.

(With power to add to their number.)

MANAGING DIRECTOR—Henry Jehnson, Esq., Norfolk House, St. John's, Isle of Man.
BANKERS—The North and South Waices Bank, Liverpool.

The National Provincial Bank of England, Shrewsbury.

REGISTERED OFFICE—MARKET C. Hicks, Esq., Shrewsbury.

REGISTERED OFFICE—MARKET C. Hicks, Esq., Shrewsbury.

ABRIDGED PROSPECTUS. This company has been established for the purpose of acquiring and working a mextensive and valuable mineral property, called the Glenrushen and Dalby Slate Quarries, situate in the parish of Patrick, in the southern district of the Isle of M Tab property on which the quarries are opened consists of 690s acres, nearly the who of which is proved to be composed of slate rock, equal in quality to any produced fit the best quarries in Wales.

(which is proved to be compared to be been as the best quarries in Wales.
This immense property, which it is believed is the largest slate sett in the kingdon at likely to become one of the most valuable, is held under a lease from the Crown for the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of which term 19½ years are under the country of 1-16th, of 1-16th,

expired.

A large sum of money has been spent in opening out and proving the value of their property, not only at the principal quarries at Gleurushen, but also on about 20 different parts of the sett, and "these trials have proved" (as stated in the report of Capt. John Francis, of Penrhyn, North Wales, under whose direction and advice these trials were made) "that almost the whole grant of 7000 acres is composed of slate-rock, and eapable of having from eight to ten different quarries opened upon it."

The machinery and plant are very valuable, consisting of water, wheels, sawing mills and cutting machines, tram ways, dressing sheds, offices, amiths and carpenters shops, machine house, and other buildings; and there are several cottages erected, with a dining room and other conveniences for the accommodation of the quarrymen.

The set has been inspected by Capt. John Francis, as before stated, and by Mr. W.

north, Denbighahire, and several other practical men, all of whom speak thereof in the highest terms.

The colour of the slate is a fine dark blue, the grain close and compact, the texture good, the lamination fine and sliky, and the cleavage very good and straight.

There is also a very promising vein of green slate, which the provides recommend should be proved by driving a level into the rock, and if it turn out as well as anticleated will prove a very good green quarry.

In addition to the slate there are several veins or reefs of auriferous quarts traversing a portion of the seth, near to the Foxdale district, which it is believed will prove a valuable acquisition to the company. Portions of the quartz have been assayed by Mesers Johnson and Sons, of London, Mr. Samuelson, of Liverpool, and other public assayers with results varying from 1 oz. 2 dwts. 20 grs. to 5 dwts. of fine gold to the ton of quarts and from the report of Mr. W. R. Williams there is every reason to expect most profit able results.

able results.

The quarries are about three miles from the shipping port of Peel, but when the projected railway from Douglas to Peel is completed they will be within a mile and a half of the intended station at Kirkpatrick, to connect them with which a loop-line will doubtless soon be formed.

Only £30,000 of the capital remains to be allotted.

Specimens of the slate may be seen, and prospectuaes and forms of application for shares obtained at the offices of Messrs. LITILEDALS, RIDLEY, and BARDSWELL, solicitors, Brown's-buildings, Liverpool; or at the registered office, where the original reports and map of the quarries may be inspected.

FORM OF APPLICATION FOR SHARES.

To the Directors of the Isle of Man Slate Quarry and Gold Mining Company (Limited).

GENTLEMEN,—Having paid to your bankers the sum of £ , I hereby request that

Date

Address in full
Profession or business (if any)....
Place of business (if any)....

Notices to Correspondents.

REASE'S BORING-MACHINE.—It has been stated in the Journal that the boring-machine invented by Mr. Crease has been found to work very efficiently; but there are sering particulars which I have not seen mentioned. It has not been stated the number of men whose work the machine is equal to, the price of the machine, nor the cost per hour of keeping it at work. All these being items which it is very destrable should be known, perhaps some of your readers could give them for general information.—J. C. B.; Oct. 6.

A. U. B.: Oct. 6.

APPET-CAGES FOR COLLIERIES.—The recent accident at Madeley Wood affords another instance of the necessity for the use of safety-cages in colliery and stone pit-shafts to be made compulsory. Here is an instance of no less than nine lives being sacrified by an accident which a couple of safety-catches, that could have been applied for a few pounds, would have prevented. Can any of your readers state whether the Madeley Company intend continuing to work without safety-cages, and also whether a list of safety-cages in use could be obtained?—A. W.

salety-cages in use could be obtained?—A. W.

GLAN-R-ARON SLATE QUARRY (L'inagynog).—I should have treated the insignations of "Farmer" versus "Cocdporth" with contempt, had it not been for the imputations made, or rather pseudo-made, against the above quarry. It seems strage to as bow such questions should be tendered to one who takes on himself the task of writing a review of the district. I could, with as much propriety, ask "Farmer, What do you give your servants to eat, wheaten bread or bariey? How otten do you take your pix to market? How many pounds of butter do you make? And many such-like quastions. I have the secretary's authority for saying that they pay regularly. The conjunctions of the property of the second pays is an able one, and, no doubt, will open the quarry extensively, which they are well justified in doing.—Sanuel Jennis, Quarry Inspector.

GLAN-R-ARON SLATE QUARRY.—I was surprised to see an article in the Journal of Sept. 34, signed "Coedporth," respecting the pay of the men at the Gian-r-afon and Gribbe Slate Quarries. Truth needs no concealment. For the information of "Coedporth," and the readers of the Journal, I beg to state that the men at these quarries have been no complaints whatever.—Frederick Davis, Secretary: Lecominater, Oct. 5.

Mr. N. Ennor-Gold in Wales, No. 1.—During the present week my engagement.

Leonistice, Oct. 0.

In. N. Ennor.—Gold in Wales, No. 1.—During the present week my engagement take me from home, so that I have but very little time to six down. I have to attend a business which I hope will bear an important part in the future well-doing of mining; the particulars of which I shall let you have for next week's Journal. I have my rapy to Mr. Nicholas Ennor nearly ready to send, and with your permission will do so for next week's Journal also,—Edward Davies: Dolcaradog, Machynlich.

next week's Journal also.—EDWARD DAVIES: Delcaradog, Machynileth.

GREAT SOUTH CHIVERTON.—While I am exceedingly gratified to find that the development of this property is satisfactorily progressing, I am much grieved to hear—buil hope there is no truth in the rumour—that one of those to whom the shareholden have entrusted the management of the company's affairs has swerved from a certain compact, and thereby created an unpleasant dissension. Of course, this cannot in any way affect the property itself; but, at the same time, it is to be feared that it will militate—if, indeed, it has not already done so—against the general weal of the enterprise.—A Shareholder. prise.—A SHAREHOLDER.

prise.—A Shareholder.

OTEA Copper Mining Company.—If the shares of this undertaking were ever worth the high premium at which they at one time were readily marketable, it would seem that it is now, machinery having been dispatched to the mine, and most favourable reports as to the intrinsic value of the property having recently been received. Doubtles, it would be a most unjust inference to suppose that the shares have sustained so serious a depreciation in value, simply because they are not allowed the privilege of quotation in the official list, and it would be equally unfair to imagine that anything had transpired in connection with the company to in the slightest degree shake public confidence; but still it would be most gratifying to shareholders to know even the assigned reason of this hitherto unexplained circumstance—the drop in the price of shares from 2½61, and 32, premium to no price at all, at least no quotation is ever published.—A MEMBER OF THE STOCK EXCHANCE.

MEMBER OF THE STOCK EXCHANGE.

DVERTISING MINE MACHINERY, &c.—I notice in last week's Journal an advertisement for the sale of a valuable copper mine, machinery, plant, &c., but it is not stated when the property is situate, or when it is to be sold. It is stated that the lesse has 31 years to run. If the property belongs to a limited Hability company, and is situated, and suspect it is, in Ireland, and the liquidator is desirous of disposing of the property for the benefit of the shareholders, it seems strange that the size of the engine, crusher, &c., is not given, with every particular as to the property and its situation, so as to induce parties to become purchasers.—A Shareholder: Cork.

SHARE DEALING.—We never interfere in the sale or purchase of shares: neither do we recommend any particular mine for investment or speculation, or broker through whom business should be transacted. The addresses of most of the latter appear in our advertising columns.

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THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, OCTOBER 8, 1864.

THE ORIGIN OF THERMAL SPRINGS.

THE ORIGIN OF THERMAL SPRINGS.

At the recent meeting of the British Association at Bath, Prof. Dauberny read a paper on "The Bath Waters," in which he recapitulated many of the results obtained by his investigation of this water in 1832, and gave an account of the views he entertained as to the origin of thermal springs generally. Disclaiming any intention of entering into a consideration of the causes to which the medicinal virtues of the Bath water are referrible, he pointed out that they could not have been inferred from the knowledge hitherto possessed of the substances contained in the water, but must be regarded, as in the case of other varieties of mineral water, merely as established upon the testimony of the many persons who have from time to time experienced benefit from its use. Under the impression that some yet undiscovered substance might be contained in the Bath water, Prof. DAUBENY has examined large quantities of it, by means of the delicate optical test introduced by Bunsen and Kirchhoffe, but he was unable to discover any trace of either barium, strontium, lithium, or fluorine. The only substances, not hitherto detected, and whose presence he found reason to suspect, were phosphoric acid and bromine; he mentioned, however, that Prof. ROSCOE had detected lithium, barium, and copper in the Bath water. The point to which Prof. DAUBENY chiefly directed his attention was the quantity and quality of the gas discharged together with the water. At the King's bath, the quantity of this gas varied between 80 and 530 cubic inches per minute, the average during one month being 267 cubic inches. Hence he inferred that the quantity of gas issuing from this source could not be less than 222 cubic feet in 24 hours. This discharge of gas appears to have continued from a very remote period, and Guidor, who wrote on the Bath waters in 1696, described how they "bubble up, as if from a cauldron." In this respect, the discharge of gas at Bath appears to correspond with other instances of gaseous emanation, which

hristian era.

From this fact and others of a similar kind, it may be inferred, reasoning from analogy, that the evolution of gas with the Bath water is not do any adventitious cause, but is essentially connected with the existence of the heat which characterises the water.

Prof. Daubeny also considers that this inference is confirmed by the nature of the gas discharged. Learing out of consideration the carbonic acid contained in this gas, and amouning sometimes to 13 per cent. of the whole, though generally only 45 per cent., the remaining portion of the gas consists of nitrogen and oxygen, the two main constituents of the atmosphere, but in proportions very different from those existing in the atmosphere, for while in this case the ferent from those existing in the atmosphere, for while in this case the oxygen amounts to about one-fifth the volume, and the nitrogen to four-fifths, there is not in the gas discharged with the thermal water at Bain more than 4 per cent. of oxygen associated with about 20 times its bulk of nitrogen. If, therefore, the gas emitted be derived from atmospheric air, four-fifths of its oxygen must have been abstracted before the gas reached the surface of the earth. This peculiarity in the relation existing between the amount of oxygen and nitrogen in the gas evolved with the thermal waters of Bath is not an isolated phenomenon, but is common to all natural springs where water has a temperature decidedly in excess over that belonging to the locality where they occur. It cannot, therefore, be referred to any the locality where they occur. It cannot, therefore, be referred to any local circumstance, but must be regarded as a phenomenon of general importance in regard to the connection now acknowledged to exist between ermal sprin

thermal springs and volcanoes.

Nitrogen is also a constant constituent of the gas discharged from volcanoes, both in their active and dormant condition; and whenever the gas is discharged, together with water, the amount of oxygen contained in it is less in proportion to nitrogen than it is in atmospheric air. Any theory of volcanic action, to be satisfactory, must, therefore, embrace the explanation of a fact so remarkable as the existence of nitrogen in the gas discharged from thermal springs and volcanoes. Various modes of accounting for this phenomenon have been suggested. Professor Bischor considers the dis-

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THE MINING JOURNAL.

Set all search and upon arean containing organic substances. Frof control philos, however, that in the furth place the quantity of stronger and philos philosystems and the philosystem of the philosyste

Dr. Crace-Calvert's paper, "On a New Method of Extracting Gold from Auriferous Rocks," read at the British Association meeting, described a method which presented the advantages of not only dispensing with the costly use of mercury, but also of extracting the silver and copper which the ore might contain. The agent employed was nascent chlorine, evolved from a mixture of salt and binoxide of manganese, ground up with the auriferous quartz in the proportion of 2 or 3 per cent. When sulphuric acid was added the liberated chlorine would attack the gold, and upon allowing water to percolate through the mass it would dissolve out all the gold (as well as the copper and silver), which could then be easily precipitated in the metallic state. This process was said to yield good results, even when working upon a very poor quartz.

Mr. F. Field described a new ore of tin, and appended to it a few remarks on the state of mineralogy in this country. Referring to the high price and scarcity of bismuth, he said that if search were made in Cornwall there would be no difficulty in getting it; but some persons seemed to have gose fossil mad, and neglected the really valuable minerals, which could be found in almost every county. These remarks were entirely corroborated by Mr. Salmon and Professor Tennant; and the latter speaker instanced a case in Australia, where a black substance, which was at first thrown away in the rush after gold, was afterwards found to be tin ore, and was sold for 40l. per ton.

An important paper was then read by Mr. Spence, "On Copper Smelting and the latter speaker instanced in the mass of the substance of the part of the miss and the latter speaker instanced in the method of the substance of the part of the p

for 40l. per ton.

An important paper was then read by Mr. Spence, "On Copper Smelting, and the Means of Economising the Sulphur evolved in the Operation."

All said he had for many years directed his attention to the subject of economising the sulphur in copper ores. He had erected furnaces, in which in all ores could be calcined with little expenditure of fuel and labour, and this enabled him to send all the sulphur so eliminated into the vitriol chambers as sulphurous acid gas. The amount of sulphur wasted in coppersmelting, and which could be economised by the use of such calcining furnaces as he had erected, was something enormous. It had been estimated at 70,000 tons per annum, which, at the present price of sulphur, would be worth 455,000l.

THE MINERAL WEALTH OF TURKEY.—We gave in last week's Journal one details in illustration of the wealth of the Ottoman Empire. We now continue the subject. Bosnia and Servia are the provinces which are the richest in iron minerals. In Bosnia the mines of Vischegrad, of Voinitza, Bontsovatz, and Visoka, in the environs of Serajevo, are alone worked. To the north-east of Servia are found, among other bearings, those of Maidampetk, which, like the collieries of the Dobra, of which we have already spoken, have been conceded also for 30 years to the Franco-Servian Company. The other principal metallic mine of Servia is situated at Rudnik. According to a note published by the Franco-Servian Company, there exists at Maidampeck a mountain of ironstone, worked open to the sky for a length of several miles, and presenting a metallic richness of 60 to 65 per cent. Bearings of minerals are also worked in Turkish Croatis at Maidan, Novi-Maidan, Stari-Maidan, and Priedol, and in small Wallachia at Maidan. the subject. Bosnia and Servia are the provinces which are the ent. Bearings of minerals are also worked in Turkish Croatia at Maidan, Nort-Maidan, and Priedol, and in small Wallachia at Baja de Fier. At Bulgaria there is worked at Samagov iron mineral yielding a return of about 60 per cent., and suited to the production of iron comparable to that of Sweden. Oxydulated iron is met with in the mountains of Upper Mœsia, and finally the existence has been indicated of important bearings of ironstone along the whole length of the Asiatic coast of the Bosphorus, and a part of the Sea of Marmora, at Aidin, in the islands of the Princes, and at several points of the littoral of the Black Sealings of ironstone of Karatovo, in Macedonia, some mines of argentiferous galens are worked, associated with hydrated iron and pyrites, which cose upon 3 lbs. English. There exist in the Schar, in the environs of

REPORT FROM NORTHUMBERLAND AND DURHAM.

Ocr. 6.—The demand for the staples of the district is very firm at present, and, consequently, a good price is obtained for most kinds of produce, both raw and manufactured. The price of coal both in the London and other markets is better than it has been for years, which speaks well for the vitality of this trade, especially when the very fine and warm summer is taken into consideration. The demand for iron also continues good, although prices are, owing to the immensely increased production, rather drooping at present. The strike at the Sleekburn Collieries still continues; an attempt was made a few days ago to bring about an agreement, but it failed, and matters remain just as they have been since the commencement of the misunderstanding. This is much to be regretted, as these are about the best works of the kind in Northumberland.

We noticed some time ago that a movement was in contemplation to attempt the removal of the High Main water from some of the collieries on the Tyne. This will, we have reason to believe, prove correct. It is stated that the extensive royalties of Hebburn, Wallsend, and Percy Main have been leased to an influential company, and that a new shaft is shortly to be sunk in a central position, where all the water can be lifted, and the whole of these collieries drained. When this is accomplished a large quantity of coal will be accessible, capable, it is calculated, to afford an ample vend of different kinds of coal, including the best house coal, for a period of not less than 100 years.

A general meeting of the members of the North of England Institute of Mining Engineers was held to-day, when a paper was read by Mr. Edward Hedley, of Derby, "On the Iron Mines and Iron Manufactures of Nova Scotia," and other papers were discussed. Some account of the transactions will be forwarded for publication in next week's Journal.

An influential meeting was held a few days ago at Hexham, in promotion of a scheme for the formation of a railway from that i

REPORT FROM MONMOUTH AND SOUTH WALES.

REPORT FROM MONMOUTH AND SOUTH WALES.

Oct. 6.—The staple trades of the district continue to evince that activity which has characterised them for the last few months. The reports from the ironworks are decidedly encouraging, and the makers are full of orders. It is a well-known fact that the South Wales trade depends to a great extent on the American enquiry, and once the trade with that country commences to revive, then Welsh makers will have unmistakeably good times before them. The increased demand at present experienced is not, however, from the States, but from the markets which have hitherto patronised other districts to a great extent. No doubt, as stated in previous reports, the Staffordshire turn-out is the main cause of this, and so long as it continues South Wales, as well as other iron-producing districts, will be benefited. The current quotations are firmly maintained, and the market shows rather an upward tendency. The following are the present be benefited. The current quotations are firmly maintained, and the market shows rather an upward tendency. The following are the present average quotations:—Rails, 7l. to 7l. 7s. 6d. at the works, and bars, 7l. to 7l. 5s. Tin-plates are still difficult of sale, and buyers are only purchasing just sufficient to meet immediate requirements. In the Steam Coal Trade there is a large amount of activity to be observed, and it is questionable whether there was ever a larger quantity worked than at present. The coal traffic on the Newport, Abergavenny, and Hereford section of the Great Western is something enormous, this being the line over which the supply to Staffordshire goes. As evidence of the large inland demand, it may be mentioned that the traffic receipts on the Taff Vale and Monmouthshire Railway, leading to Cardiff and Newport respectively, have decreased during the last two or three weeks; while for a long time previous the receipts showed an increase. The winter season is now gradually coming in, and with it the demand for house coal is getting brisker. The colliery proprietors are, as a rule, full of business, and had it not been for the continued scarcity of tonnage, the trade would be in a thoroughly satisfactory state. Coke and patent fuel remain without any material change to record.

the Ebbw Vale Company (Limited). Improvements are also contemplated at some of the other works of the company. Penydarren will shortly be in full operation. The spirited proprietors have secured a large order, which will keep the works in full employ for several months. The partnership hitherto subsisting between Smith, Morris, Lister, and Co., of Briton Ferry, Glamorganshire, tin-plate manufacturers, has been dissolved, as far as regards R. Smith. A call of 21, 10s. has just been paid on the shares of the West of England and South Wales Bank, making 151, altogether paid. The market quotation for the shares is 231, which is another proof that joint-stock banking, legitimately conducted, is a first-class investment.

class investment.

The agents and workmen employed at the Sguborwen Collieries have just presented Mr. H. Kirkhouse, the late manager, with a handsome gold watch and chain. Mr. Kirkhouse, during the time he was manager, always showed that uniform affability to all those under him, that he won the esteem of the workmen generally, and the latter very naturally gave him a practical proof of the respect in which he was held on his leaving by the presentation referred to.

the esteem of the workmen generally, and the latter very naturally gave him a practical proof of the respect in which he was held on his leaving by the presentation referred to.

November is again approaching, and the din of preparation for the coming new railway and other undertakings is already being heard. Among the new schemes is a line from the east side of the Usk at Newport, vis Caerleon and Pontnewydd, to a junction with the Great Western at Pontypool-road, thus giving an independent narrow-gauge access to the port of Newport; also a branch to connect the west side of the Usk with the old Rumney. There are to be new docks on each side of the river in connection with these lines. It is in contemplation as well to apply for powers for a line of railway commencing at Milford Haven, and thence along the Pembrokeshire and Cardiganshire coasts, passing Fishguard and Newport, to a junction with the Carmarthen and Cardigan line. This will be on the narrow-gauge, and it will bring Milford into direct communication with the great narrow-gauge systems of the country. The Vale of Ayron is another project, the object being to connect the port of Aberayron with the Manchester and Milford line. The London and South Wales, by which the distance from the South Wales coal field to the metropolis will be reduced 25 miles, or 18 per cent. on the present mileage, is also spoken of as likely to be proceeded with this session. These proposed railway extensions have been brought about mainly by the development of the iron, coal, and other minerals; and when the railway and other facilities contemplated are completed South Wales will, without doubt, be the most important iron and coal producing district in the kingdom.

The arrivals at Swansea include—the Huasco, from Chili, with 500 tons of copper ore and 120 tons of copper regulus, for Ellord and Williams; Petete Paysanna, from Redan, with 160 tons of iron ore, for R. Cowell and Co.; Anejcolina, from Leghorn, with 140 tons of copper roe, to order.

NORTH WALES.—The Coal Trade in North Wales is exceedingly brisk, many of the works having contracts on hand that will last them some time. Owing to the Staffordshire strike, a large quantity of coal is being daily forwarded into that neighbourhood, the coal being well suited for forge and furnace use. The Welsh colliers seem well contented; the average daily wages run from 4s. to 4s. 6d., but the men, who are all on task, can earn from 5s. 6d. to 6s. per day. of 10 hours' work. The attempt made by the Union delegates from Staffordshire to prevent the coal going into their neighbourhood has proved a complete failure, speaking well for the men's good sense, and showing how little power or influence that body possesses in the hills and dales of Cymru.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

Oct. 6.—There is little change in the aspect of the colliers' strike, which is the ruling feature of the trade at the present moment. The notices at a number of thin coal collieries expired on Saturday, and a good many additional men are consequently out, but more, it is said, are gone to work about Dudley. In the rural districts of the contry the men, who might be getting at the least 5s. 6d. per day, are going about selling papers detailing the colliers' grievances, and, in some cases, are preceded by lads with whistles and drums. They have been to Birmingham to beg off the artizans there, and after pledging all they have, they are suffering great distress. At a meeting at Bilston, on Monday, a speaker propounded as the remedy for all colliers' grievances, that every miner in the British Isles should strike work on the same day, and this notion it is of the omnipotence of united effort against all natural and social laws that lies at the root of the strike. It is a sad episode in the civilisation of the nineteenth century, that from twenty to thirty thousand men should for months refuse to carn anything, as the only means by which to obtain what they think is their just due.

The demand for iron is moderate, but not by any means brisk, and pigiron is very low in price. In North Staffordshire a fair trade is doing, owing to the diminished production in the south of the county. The supply of coal is steadily increasing, and the railways are doing all they can to counteract the effects of the strike, and long lines of trucks, laden with coal, are constantly arriving from South and North Wales, Derbyshire, &c. The Times, of to-day, has an article on the strike, from which one important feature of the strike is omitted—namely, that the reduction the masters are making in wages is only one-third of the advances made within a few months, owing to the rise in the price of iron, and that this is made because the price of iron has been reduced by the amount it was increased w

when the addition was made to posed to run over. The Hardware Trades of South Staffordshire are rather quieter, partly owing to the pressure in the money market, and partly to the foreign orders showing a falling off.

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

OCT 6.—The Iron Trade continues brisk, and a good business is being done, the sellers of the best brands holding remarkably firm. The strike in Staffordshire still continues, and the result is that orders are now being received from that county both for coal and iron. In Derbyshire generally the men are perfectly satisfied, and are at full work; and all the works, without exception, have plenty of orders on hand, and all of them fully going. Since the termination of the strike at Middlesbro' all the furnaces have been put to work again, and the greatest satisfaction prevails at all the works in the neighbourhood. Several additional furnaces have also been put into blast, and a greater quietude now prevails than has been the case for months. In Lancashire the trade is increasing in activity, owing to the improvement in the cotton and woollen trades. There is also the greatest activity prevailing amongst the makers of machinery and engines, and particularly amongst the makers of locomotives, both for home and for exportation. Indeed, so anxious are some of the railway companies to obtain them early that some have offered bonuses for their speedy completion. There is a good enquiry for rails and railway ironwork generally, not only for home demand but for exportation. The new lines sanctioned by Parliament will absorb a large quantity of rails, and a large portion of the orders necessary for the making of the same. The Steel Trade is in about the same state as last reported. A healthy tone pervades all departments, as steel is now about to be introduced more extensively into our system of warfare, not only in this country, but on the Continent.

The Coal Trade is still increasing in activity, and as the strike in Staffordshire has caused a largely-increased demand in Derbyshire, Yorkshire, and Lancashire, there is no doubt but that a most active trade will be done during the winter. The London merchants, too, are ordering more largely than usual for the supply of

stock banks under limited liability, with the view of preventing the large losses which the shareholders of the Leeds Bank will undoubtedly have to sustain. The Leeds failure has had the effect of creating a dulness in the share market as regards bank stock, and the local journals teem with letters of complaint heaped upon the heads of the directors for permitting the manager of the Leeds Bank to have such unlimited power.

On Friday last, an officer from the Japanese Government visited Stave-

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conclusion of the inspection, the party partook of luncheon at the new Dining Hall. We understand it was the intention of the party to visit the armour-plate works at Sheffield, and the manufactory of steel shot, with the view to report the same to the Japanese Government.

There is great activity going on at the new works in Derbyshire, which are being sunk for getting the deep coal. At Pilsley the new shaft of the Clay Cross Company has been got down about 140 yards, and all of it has been well lined with iron tubbing. We hear that at the new works at North Wingfield an accident has happened by the falling in of a quantity of brickwork in the shaft.

There is a report of another large colliery in Derbyshire being merged into the limited liability system. The capital, it is said, will come from Manchester and the neighbourhood. The Staveley Company, and the success which is attending their efforts, appear likely to be the means of introducing the formation of many other public companies.

The local share markets have been very dull ever since the Leeds Bank affair, and great fears have at times prevailed regarding the commercial stability of many apparently successful firms. There is literally nothing doing in the market for mining shares.

THE PRESENT CONDITION OF THE LABOUR MARKET THE PRODUCER AND THE CONSUMER-No. IV.

BY GEORGE SHEPHERD, C.E.

A few years ago a celebrated knot of politicians brought a bill into the House of Commons to regulate the weight at which newspapers should be sent by post in England and to the colonies. These gentlemen, in a fit of spleen against the Times, so arranged that when that newspaper published a double supplement an additional charge had to be paid for published a double supplement an additional charge had to be paid for postage. These politicians, no doubt, laughed in their sleeves at their achievement; but, to the honour of the proprietors of the Times, those gentlemen did not attempt to reduce their workmens' wages to meet the emergency; they simply out the Gordian knot with the ben, and told "public good," as it stood by, and did not protest against this piece of political trickery, the public must pay the additional charge imposed by their legislators. This is a step in the right direction. The iron and coal masters must also adopt the same course, to protect their workmen, so as to induce them to remain in England; and let the public, or the consumers, protect their workmen in a similar manner. On the mining districts, and on the skilled colliers and miners, hang the great mercantile interests of not only England, but also that of the whole world; therefore, to lose our valuable colliers is to lose our all. At any sacrifice they must be kept out of the hands of the foreigner.

Certainly in taking this course "public good" cannot raise an objection. Both ironmasters and workmen have laboured long enough to supply iron at low prices; and in doing so the masters have banished the workmen from the country to the extent that a skilled workman is now a scarce article: this the masters know to their cost. Therefore, to the demands of scarcity "public good" must bow its head; and it will have to bow still lower each year, and to submit to still higher prices than even the present. It is not now a question what a workman ought to kave in England, but what he can get in other parts of the world, that has to be considered; and each year this question will force itself more fully on the mining community of England. As the demand for labour increases, and as skilled workmen are so scarce in all parts of England, it is clearly to the interests of the masters to endeavour to conciliate their workmen by wise concessions in this case of emergency. The late reduction postage. These politicians, no doubt, laughed in their sleeves at their

be considered; and each year this question will force itself more fully on the mining community of England. As the demand for labour increases, and as skilled workmen are so scare in all parts of England, it is clearly to the interests of the masters to endeavour to conciliate their workmen by wise concessions in this case of emergency. The late reduction in the price of iron was a mistake on the part of the masters; they at the time of this deduction well knew the temper of the men and their leaders. The great fluctuations in the iron trade are its curse and bane. When the price of iron commences to fall purchasers stand aloof, and the price goes still lower and lower, and with it the workmen's wages. The article then becomes a drug on the market, and while the trade is prostrate consumers purchase from hand to mouth; this keeps down the price. So it has been for years; but it is not likely to be the case again—the workmen will take care of that. We may ask why should the workmen permit themselves to be reduced to dire poverty and degradation, merely for the sake of supplying the public with iron at a cheap rate? Why should the nation expect it from them? I should like some one to answer this question. The political economist would say, the cheaper the iron the more we shall sell. This is no answer to the question. If the price of bread were reduced to 1d. the 4 lb. loaf, people would consume no more than if it were 5d.; and if the price of iron were reduced to 1l. per ton, no more of that article would be consumed than at present. There is a certain quantity of iron required for consumption each year, with a gradual increase in the quantity annually: this consumption would be the same even were the price of iron fixed at a rate at which the ironmaster could pay his workmen wages that would keep them and their families in comfort; and the world is not so poor that it cannot afford to remunerate our workmen for their dangerous toil in the bowels of the earth.

The cause of the strike in Staffordshire; but the m

it may take, only can lead to one result—degradation, in whatever form it may take, only can lead to one result—degradation, distress, bankruptey, and ruin.

Let us look at the converse of this. Suppose the masters remain obstinate, and the men are compelled to go to work at the reduced wages—the masters, fighting for "public good," gaining the victory—it will be one of the ugliest victories ever won. It would be the means of uniting the whole of the men in the mining districts throughout England in one vast league against their employers. From the letters I have now before me, the struggle between the masters and men in Staffordshire is being watched with intense interest on the part of the workmen in other districts. From this the masters will see what their victory, it they obtain it, is likely to cost them ultimately. I should, therefore, say, be wise in time repentance comes too late—an article always too dearly purchased. It may be said that underselling would upset the fixing the minimum prices in iron and labour for times of depression in the trade, as some works can produce iron cheaper than others. I should say, leave such delinquents to the men: they have their Unions, and these institutions they will not give up so long as the masters continue the present fluctuations in the price of iron; nor will the Legislature interfere so long as the men respect the laws of their country. the laws of their country.

One argument may be adduced—that should the ironmasters adopt this course, the orders for iron will go to Belgium. Let us see: this question is also rapidly solving itself. I see by the Journal that the Lowmoor and other works are now employing Belgian workmen: this is a step in the right direction. The inviting Belgian workmen to England will draw off the surplus workmen from that part, and prevent competition, so far as Belgium is accounted. I read that the contract of the state surplus workmen from that part, and prevent competition, so far as Belgium is concerned. I would, therefore, earnestly entreat the English workmen to give their foreign fellow-labourers a hearty welcome, and to treat them with every possible respect and kindness. By doing so the Englishmen will not only protect their own interests, but that of their masters also. I admit the arrangement pointed out cannot be effected by the masters in a day; therefore, I would earnestly entreat the masters to give way, and let the men return to work at their old rate of wages, and give themselves time to arrange for the future. Only let both parties understand each other in good faith, and I think the men will see nothing unreasonable in this proposal.

this proposal.

In giving my views on the present crisis, I do not think either masters or workmen can accuse me of partiality on one side or the other. I have endeavoured to point out what appears to me to be the only course now open to produce harmony between these now conflicting interests. The longer the master and the workman are estranged from each other the greater will be the loss to the former and misery of the latter. The past is irretrievably gone; and, perhaps, what has occurred is all for the best. We have now to deal with the future, and the future must be moulded

from the present. This can only be accomplished by conciliations, and holding out inducements for the men to remain in England.

In concluding this paper, I would respectfully call the attention of the masters to the following extract from a letter in the Times of Sept. 19, signed "A Real Irish Landlord:"—" Our farmers are prosperous wherever they are industrious, our labourers are as well paid as in England; indeed better, for they are so scarce that you have to give them their own terms. Our merchants are perfectly coining gold. The over-abundant labour, both in our mining districts and in Ireland, brought masters and men to distress." Now they are evenly balanced Ireland is prosperous. This is my case; further comment is needless. A great deal may be done, without cost, to endear our workmen to their country and homes. This I must leave for future consideration.

This I must leave for future consideration.

THE TIN TRADE.

THE TIN TRADE.

The upward tendency which we reported in our last circular made further progress during the first few days of the past month, and rather higher prices were paid for some small parcels, in order to establish a price; but this spirt was of short duration, as several holders were found ready to supply the demand, and operators, finding it quite impossible to absorb all that was offered, stopped suddenly, which caused a heavy reaction. The price for Straits again touched 1001, per ton, at which a large business was done on the spot and for forwardfelivery; but the centinued stringency in the money market which followed could not help influencing quotations, and, as several holders continued to pressible it in forsign could not long remain without its influence on English, and as our smelters doubtless feared that the demand for their produce would soon fail off, they reduced the price of refined and common 31, per ton. Since the commencement of this year we have continually drawn the attention of operators to the dangerous position of the article, and we do not see, at the present moment, any signs of its prospects changing for the better. Our stock shows again a considerable increase, and though consumption has been better during the last fortnight than for a long time past, the supply is not only fully equal to the demand, but even surpasses it. The deliveries in Holland certainly appear good compared with former years; but as over 7000 slabs have simply changed warehouse from Holland to London, the deliveries, in fact, are very unsatisfactory. The last advices from the Straits, strange to say, report continued large shipments, although the fall in our market was known there. From Singapore 50 tons had actually been shipped, and from Penang 180 tons were in course of shipment, the cost in both places being about 100, delivered here, although there had been a slight decline from the perices ruling at the departure of the previous mail, and at this the merchants there were competing with each other

to the Continent 141 tons.

ENGLISH TIN.—The demand was fair during the first fortnight of the past month; the fail in foreign caused the smelters to reduce the price, on Sept. 16, 31, per ton, both in common and refined, since which the demand has fallen off, and prices are irregular.

STRAITS, which early in the month stood at 103f. cash and 104f. 10s, prompt, advanced to 104f. cash and 106f. open; but a reaction set in, and little business was done between the highest price and 100f, per ton, at which shout 200 tone changed hands, cash, one two, and three months prompt; from this there was a gradual decline to 97f. per tor cash and 98f. open. During the last eight days the market has assumed a firmer tone and prices have crept up again to 98f. cash and 100f. full prompt, at which we closed with a standy market.

with a steady market.

BANGA.—During the beginning of September prices ruled between 1041. and 1051.; the market followed the decline in Straits and English, and the lowest point touched was 881., since which the price has recovered to 991.—our closing quotations. The Dutch market has been steadler, and the lowest point reached was 80½ fl.; but it is difficult to buy now even at 61 fl. The official returns from Holland are as follows:

1862.

1863.

1864.

| Stock on warrants, Sept. 1 | 84,950 | 94,636 | 92,287 |
| Arrived towards next sale... | 38,996 | 35,762 | 31,607 |
| The arrivals of thin in London during September have been as follows:—Straits, per "Hindostan," 1048 slabs; ditto, per "Eleanor," 2386; ditto, per "Eleanor," 153; Banca from Holland, 7450; total, 11,037 slabs. Also, 1350 slabs Banca to Bristol, and 500 to Liverpool. Making since Jan. 1 into London—
| 1864. | 1863. | 1862. | 1864. |
| Banca. | Slabs 38,897 | 18,037 | 9,523 | 7,910 |
| Straits | 55,413 | 31,710 | 56,481 | 58,507

Total 94,310 49,747 66,004 60,417

We estimate the present stock of the in warehouse here at 3666 tons. The imperance of the during the month of August and the first eight months of this year compared with 1862 and 1863, has been as follows:—

Month ended Aug. 31. Eight months ended Aug. 31. 862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1863, 1864. 1862, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1864, 1

actual shipments—price \$23°55.

Tin-Plates.—Demand extremely dull, especially for charcoal. Coke steady at 23s.
in London, and 22s. 6d. Liverpool. The declared value of tin-plates exported during the month of August last and the first eight months of this year, compared with 1862 and 1863, has been as follows:—

Month ended Aug. 31.

Eight months ended Aug. 31.

1862. 1863. 1864. 1862. 1863. 1864.

£89,173 ... £85,744 ... £65,699 £729,618 ... £753,081 ... £751,372

VON DADELEZEN AND NORTH.

THE NEW SOUTH WALES COAL TRADE—INCREASED COAL SHIPPING ACCOMMODATION.—The secretary of Public Works has been waited upon by a deputation of gentlemen interested in the shipping trade of Newcastle, and recommended certain improvements to be made in the arrangements for shipping coal. The reply was, that with regard to the wharfage room that could not be extended until the Government were in possession of the land. Upon the completion of the new steam-dredge it would be used in despening the channel near the wharves. The late Coal and Copper Company's statists would probably revert to the Government through non-compliance with conditions, and would be resumed by the Government. Vessels will be henceforward booked to load as they arrive, and in the order in which entry may be applied for. The question of providing ballast-lighters for hire was one which should be left to private enterprise. The returns for the week ending July 17 was 5956 tons, whilst two months previously the weekly average was only about 2000 tons. Thanks were given to Mr. Hoiroyd for his satisfactory explanations, and the deputation withdrew. It appears that the disposal of the wharf frontages to private companies was vigorously opposed by Mr. Keene, the Government Examiner of Coal Fields, on the ground that the Government ought not to alienate for a few thousand pounds frontages worth approximately twenty times what they would then realise; but the colliery proprietors now very reasonably say that they should think of the present, and provide for the emergencies of the day, instead of advancing a problematical and chivalrous idea of the blessings to future generations. THE NEW SOUTH WALES COAL TRADE-INCREASED COAL SHIPPING

Anthracite as a Locomotive Fuel.—The result of long practical trial on the Pennsylvania and Reading railroad is that anthracite, when properly used, surpasses every fuel that has yet been applied to locomotive purposes. It is considered that the idea "that anthracite will not do" is purposes. It is considered that the idea "that anthracite will not do" is just as fallacious as it is unjust to the experience of scientific men, who, in their construction of engines on which it is alone used, have fully proved its excellence. By slightly modified arrangements almost any engine can be converted into a coal-burner. The trials of the Schuyikill authracite affords conclusive evidence of its utility, and that, with an average of six cars attached, the coal consumed per mile was under 28 lbs.; that the number of miles ran per trip was 95; that the trips were all run with "exchaust" and "throttle" wide open, the speed of the engine being regulated by the reverse lever. Twenty-two stops were made between Philadelphia and Pottsville, the speed being nearly 26 miles per hour; the maximum grade on road 2924 ft. per mile; the average inclination of road 6°16 ft. per mile. The average weight of the train was upwards of 80 tons. We understand that on his recent visit to Portugal Mr. Nicholas Ennor procured some samples of an anthracite coal, which he anticipates may be successfully employed for the purposes of steam generation. It is at present used in the locality of the workings mixed with English coal in about equal quantities, and is considered to be well suited for smelting from.

Somersethers

SOMERSETSHIRE COAL FIELD.—Among the many pages of print to which the recent meeting of the British Association has given birth, not the least the recent meeting of the British Association has given birth, not the least interesting, in our own carboniferous district, are those which Messrs. G. C. Greenwell (Poynton) and J. M'Murtrie (Radstock) have dedicated to an account of the Somersetshire coal field, and more especially of the Radstock portion of it. The whole field extends from Bristol to near Frome, and from the Mendip Hills to the suburbs of Balb, comprising an area of 150 square mills, 45 of which are occupied by the Radstock district. The hand of industry, now so buy in resping its stores, has been at work upon it, on the surface and underneath, for enturies. Radstock manor has for one of its boundaries a Roman road. The lead miner has been at work in the Mendip Hills from the dawn of history. Before Bosworth Field was fought he was there in such numbers, according to records in the possession of the Waldegraves, that we must use five figures (10,000) to express them: and coal-mining has been prosecuted, with more or less activity, from the same distant period. Our mineral fuel—our coal—everywhere invited our ancestors to its use. Peeping out to the day, it asked them to take and try; and appropriations on the surface led the way to selzures deeper down. In the district under consideration the coal seams present themselves in every variety of posture, from horizontal to vertical. They have even, in some places, turned summersaults: and a seam may be met with so eccentricas to over-lapdoubling over upon itself—so that the miner, in slanking his shaft, perforates it twice! The existence of any seams at all under the manor of Radstock was not formerly dreamt of. Some imaginative miners may have been absurd enough to hint at such a thing; but am old collier, who knew better, and who was kept in countenance by all reasonable men, made a vow "that if ever coal were found in Radstock he would get on the top of

all reasonable men, the old collier included, were in the wrong; cost was used took, a hundred and one years ago; and the flight from the tower became due stock, a hundred and one years ago; and the flight from the tower became due mandable. But possibly the bones of the resh pitman had been secured by due the fats which must otherwise have befailen them; for there is no record of his of the neighbourhood, one of the most valuable mineral properties in the distribution of the neighbourhood, one of the most valuable mineral properties in the distribution and the quantity was increased to 50 tons a day, "it quite frightened people; " so over it—and over still greater feats in time. "The world as a samible of remarks, who supplied Messrs, Grenwell and McMurtre with the iradition, " do it it dont get better"—a distinction which does credit to the distribution; do it it could get better "—a distinction which does credit to the interesting the state of the st

ing, and compares their results with those of more recent times," (the page, which all we have further to add, is being printed by Messrs. Lambert of our own laws, all we have further to add, is being printed by Messrs. Lambert of our own laws, all we have further to add, is being printed by Messrs. Lambert of our own laws, all we have further to did not be to the men and their masters. He met women to five dispute between the men and their masters. He met some of the leaders of the men on Tuesday afternoon, at Dudley; and on well-seen and chickens Hotel, in Birmingham. On Tuesday afternoon, at Dudley; and on the Hen and Chickens Hotel, in Birmingham. On Tuesday his lordship mediated & tween a number of the masters representing the whole trade, and seven of the colliss representing the men who are out. The masters and the men did not men, situating the men who are out. The masters and the men did not men, situating the men who are out. The masters and the men did not men, situating the men who are out. The masters are them did not men, situating the men who are out. The masters and the men did not men, situating the men who are out. The masters and the men did not men, situating the men who are out. The masters and the men did not men, situating the men who are out. The masters work on the terms in force, at time the "left off," and continue at work on those terms up to the end of the most time they "left off," and continue at work on those terms up to the end of the most in the time the work of the ment was a situation of the conditions, and proposed instead that the men should return to work or having to accept the conditions, and proposed instead that the men should return to work or the wages that were offered to them, the masters undertaking to watch for the first type the conditions, and proposed instead that the men should return to work or the wages. To this proposition the men would not accede, and Lord Leigh then endeavoured to prevail upon the first proposition the men would not accede, and hore as t

The hooker-on was an experienced man, and had filled the office for 20 years.

How Coal Mine Explosions are Caused.—An inquest was held at Ashton-under-Lyne, on Wednesday, touching the death of Alfred Jacques, a coilier, who died from the effects of burns received from an explosion at Lords Field's Coilier, who died from the effects of burns received from an explosion at Lords Field's Coilier, who died from the effects of burns received from an explosion at Lords Field's Coilier, Ashton-under-Lyne, belonging to Messrs. Garforth, of Dukindied. Thomas Price, the wagoner for the deceased, stated that they had worked three night shifts, and were about to commence work at seven o'clock on the morning of July 25, in a cut from one ired to another. The men had told them there was foul air in the cut, and they turned a vestitator which had been placed at the end of the working. Whilst witness was turning the ventilator the deceased came to him and lighted his plpe, and an explosion immediately took place. Samuel Crossley, the foreman, explained that the effect of turning the ventilator would be to draw the foul air upon the men it a cloud. The witness sub the underlooker never told him there was sulphur, nor did he give him a copy of the rules. When he got to work on Monday there was no board marked "fire," or any writing on spades. He did not know that it was a general rule that the workmen were not to commence work until an inspection had been made by the foreman. He did not know he was doing wrong in turning the ventilator. John Harrison, the underlooker, gave evidence that the deceased had worked four or five years at the pit, and well knew the regulations. After considerable discussion, a verdict of "Accidental Death" was returned, the jury, however, recommending that more conspicuous signals should be used.

Manufacture of Tubes, Rods, and Plates.—According to the invention of Mr. G. P. Harding, an expanding die or draw-plate is used, by means of which conical or cylindrical tubes, or tubes of octagonal, square, or other section, outside of different sizes, may be drawn. The machinery employed is composed of a cast-iron box, in which is inserted four loose pieces of mais, with slots to receive four draw-plates. The tube is drawn over a mandrel, and through the draw-plates fixed (say) at 1 inch diameter; but as the drawing proceeds the draw-plates expand by the action of the driving pinion on the bevelled wheels and screws, and if the original reduction of the tube by the draw-plates be ½ inch, it can be issued gradually to nothing in 6 inches, 12 inches, or more of length, so that, by repeating the draw and reduction, conical tubes with a cylindrical bore would be obtained perietly true throughout. In order to obtain a tube conlocal both internally and externally, be employs a mandril tapered to the cone required, and a tube slit in four places at one set, with an inner tube also slit, projecting a short length beyond the outer one.

Zinc For Conage.—If our chemists should ever cease to be fascinated,

true throughout. In order to obtain a tube conical both internally and externally, he employs a mandril tapered to the cone required, and a tube all in four places at one sed, with an inner tube also slit, projecting a short length beyond the outer one.

ZINC FOR COINAGE.—If our chemists should ever cease to be fascinated, as they seem to have been of late years, by the organic, to the exclusion of the inorganic, branch of their science, it is to be hoped that they will then fully investigate the subject of metallic alloys. We just know generally that the properties of most metals are greatly modified by admixture with other metals, and that a very slight percentage of admixtures will often produce most important results—the electric conductivity of copper containing 2 per cent. of arsent, for example, being less than one-sixth of that of pure copper; but our knowledge of the properties of definite admixtures even of the metals with which we are most familiar is exceedingly limited. In this direction a very wide field lies awaiting the explorer, and one in which results of great industrial importance have, doubtless, yet to be reaped. M. Peligot, the chemist to the French Mint, has lately made some slight excursions into this field. On account of the continued rise in the value of silver causing the progressive disappearance from circulation of the old silver money, the French Government is about to lower the standard of its silver coinage by the addition of shoult per result more copper. The colonage which it is about to issue will contain 165 parts of copper to 835 parts of silver—unless, indeed, M. Peligot's recent experiments should lead to the use of zine instead of copper wherewith to alloy the more precious metal. His experiments undoubtedly show that alloys of silver and zine possess considerable physical advantages over the corresponding alloys of silver and zine possess considerable physical variances of the propertions of the (new) standard alloy of silver and copper above specified, M. Peligot tound

CLEVELAND IRON.—The manufacture of iron from the Cleveland ironstone has had to struggle hard in competition with that made from richet ores, and it is only for certain purposes that it is equally good, whilst the market price is always lower than Staffordshire or Scotch. About two ores, and it is only for certain purposes that it is equally good, which are market price is always lower than Staffordshire or Scotch. About two years ago, the General Manganese Company of Ehrenbreitstein, owners of extensive mines in Nassau, first called the attention of the ironmasters of the North to the use of manganese ore in the blast-furnace as a flux and alloy, which has been employed recently in the Hauts Fourneaux of Germany with important result. In Germany, as in Cleveland, the iron ores are poor for the most part, and the sitential of the ironmasters there was first directed to manganese, from the weaker ores, unsalable to the chemical manufacturer, lying in beaps of thousands of tons through the mining districts, without any use for them being known. It is a singular and interesting feature that the qualities rejected by the chemist are recommendations to the ironmaster. The poorer that manganese ore becomes in peroxide of manganese, the greater the precentage of peroxide of iron, until they become almost equal in the "Mineral & Fer Manganesifere," as they call it, which contains 25 to 30 per cent. of the former, and 30 to 25 of the latter. The addition of this ore to the ironstone, in proportions varying up to 30 to 30 per cent., was found to increase the product materially beyond the calculated weight. Acting as a flux, less beat was required for fusion, and a saving of fusion. The attention of the ironmasters of the North having been drawn to this process, the support of the companies of the North having been drawn to this process. The addition of manganese ore to the Cleveland ironstone in the binat-furnace renders it has been tried first on a small and then on a large scale, with complete success. The addition of manganese ore to the Cleveland ironstone in the binat-furnace renders it has been tried first on a small and then on a large scale, with complete success. The addition of manganese ore to the Cleveland ironstone in the binat-furnace renders it has been tried first on a small and the He me

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Owners of masters of alloy, which tank results he attention the tree at the state of the stat

bing very considerable; indeed, it is preferred by some to the Giasgow iron, and thus sales forth an important future for the iron trade of the North of England.—Neus-and built Journal.

CHEMICAL METALLURGY.

Lika alaminium, magnesium is reduced from its chloride, associated, hand for other reasons than in the case of alaminium, with the chloride and alaminium, magnesium is reduced from its chloride of sodium, but chloride of possisian secrets to asswer tomewhat the beat. We have already associated that alaminium, magnesium and alaminium, and calcium are baryon and continued that alaminium, and calcium, and calcium are baryon in the continued of the

cent and fortunate purchase. The value of this property is unlimited, and with judious management will prove one of the most profitable mines in Lower Canada, which
intains the great copper-bearing belt of the British provinces of North America.

1815, after having a war of 27 years. The North has been at war four years, and has
but a debt on its back almost as great as ours after 27 years' war with France, and having lost 2,000,000 of men, according to their own newspaper accounts."

closs management will prove one of the most profitable mines in Lower Canada, which contains the great copper-bearing beit of the British provinces of North America.

UPHEAVAL OF MARINE SHELLE.—The upper part of Snowdon is well known by geologists as affording abundant shell remains of lower Silurian age (Caradoc), in a sort of volcanic trap ash, which is here abundantly interstratified with the slaty rocks. I collected a number of examples of examples of these shells, and believe they must be what your correspondent refers to. The Moel Tryfan shells, mentioned by Sir Charles Lyell, are, however, of a totally distinct age and character. The sand and gravel in which they occur are undistinguishable from ordinary sea coast beaches—the shells scarcely fossilised. Several of those I collected on Moel Tryfan, a few days ago, retain their organic colouring. At lower levels of from 200 to 500 feet above the sea these drift beds are of frequent occurrence. In the Severn Valley, above Ironbridge, they attain a thickness of over 200 feet, and from them during the last year I have collected above forty species of Testacea, &c. On a mountain near Nant Francon, in North Wales, and also in Ireland, gravel beds, probably of the same period, have been recorded at altitudes of more than 2000 feet, but Moel Tryfan, at a point a little under 1300 feet above the sea, is, I believe, the greatest altitude at which the occurrence of recent shells has been authenticated. The evidence of submergence on steep mountain tops must necessarily be verp scanty, and while we have no positive evidence of the limit of submergence during the period represented by the drift-gravels, a former depression greater than that actually recorded by drift is not at all improbable. The hard concreted sand beaches, forming a sort of freestone conglomerate of shells, sand, and pebbles, occurring in Devon, Cornwall, and other parts of the coast, at from 30 to 60 feet above the sea level, appear to be of still more recent formation than the Moel Tryfan drift, a

CRENVER AND WHEAL ABRAHAM UNITED MINES.

CRENVER AND WHEAL ABRAHAM UNITED MINES.

The following is a statement of what has been done, and is doing, in these mines:—
Serr. 20.—At Oastfield the engineers continue to make satisfactory progress in erecting the 90-in. cylinder engine. The beam, cylinder, and other heavy parts of this engine are fixed, and the joints made; the condensing work will be in its place during this week. The masons in this part of the mines are engaged building the whim and boilerhouse for the No. 1 30-inch steam-whim and capstan; the heavier portions of this engine, together with a 12-ton boiler, are delivered on the mine, ready to fix. The balance-bob pit, and masonry for balance-bob, are in a forward state, as well as the collaring of Vivian's engine-shaft, to take the new 19-in. pitwork, which is on the mines ready to drop. At Wheal Abraham old sump the collaring of shaft is completed, and the balance-bob pit and stand will be finished this week. The engineers in this part of the mine are making rapid progress in erecting the 80-inch cylinder engine, all the heavier portions of this engine being finished, including the condensing work. The 19-in. pitwork is also delivered and ready to drop. The masons are here rapidly pushing on the completion of the whim and boiler-house for the No. 2 30-inch steam-whim and capstan. The greater portion of this engine is completed, and a 12-ton boiler ready to fix. At Richarde's, or western district, the operations are principally confined to clearing out and preparing balance-bob pit, excavating for foundation of boiler-house and stack, and will shortly be completed. The masons here continue to build the whim and boiler-house stack, &c., for the No. 3 steam-whim and capstan; these erections are in a forward state, and will shortly be completed. The masons here continue to build the whim and boiler-house stack, &c., for the No. 3 steam-whim and capstan; these erections are in a forward state, and will shortly be completed.

The house for the No. 10 steam-whim and capstan; these erections are i

Fraudulent Use of the Provisions of the Bankruptoy Act.—
Re Clum, before the Lord Chancellor, was where a debtor whose only assets were a remote and improbable prospect of a balance in his favour in account with his pariners, executed a deed conveying all his property to trustees, who were his father and bother, and also his late partners, in order to avoid process at the suit of a creditor. The Lord Chancellor said this was a most fraudulent attempt to make use of the forms of the law for a purpose totally foreign from that for which they were intended. There was the pretence of an assignment when nothing was assigned, and of the consent of creditors to that assignment, which was merely fictitions. The opposing creditor has done service to the public by his epposition to such an abuse, and process must be allowed to issue.

Appointment of Revenue (Larges as Thursters et al. or of Climicall's Settle.

to the public by his opposition to such an abuse, and process must be allowed to issue.

APPOINTMENT OF BENEFICIARIES AS TRUSTEES.—In re Clissold's Settlement, where the trusts of the actionent were of a coimplicated nature, and no stranger could be found willing to accept the office of trustee, the Court of Chancery, departing from its usual course, appointed as trustees two of the parties beneficially interested. The property was the subject of a settlement dated in 1805, and of a will made in pursuance of a power contained in the settlement. The property dealt with was of considerable value, and had all been administered, with the exception of two houses. Some of the trusts were still unfailfilled, and there was no power in either the settlement or the will for the appointment of new trustees. The order in this case was made by Vice-Chancellor Stuart.

Vios-Chancellor Stuart.

LIMITED COMPANIES COMMENCING BUSINESS BEFORE ENTIRE CAPITAL SUBSCRIED.—The Court of Chancery will not restrain a company constituted under the Companies Act, 1862, from making calls and commencing business, on the ground that only two-thirds of the capital has been subscribed. Vios-Chancellor Wood thus decided this point in the case of Macdongall v. the Jersey Imperial Hotel Company (Limited), in which it was held that a limited company constituted under the Companies Act, 1862, cannot, by special resolution, sanction the payment of interest upon the paid-up capital before any profits have been earned.

capital before any profits have been earned.

POLLUTION OF WATER.—Where a stream of water which flows through and out of a district created by 18 and 19 Vic., c. 13, is polluted by works done within the district by the local board of the district, under the authority of the Act, an owner of land beyond the limits of the district through which the stream flows, who seeks to recover compensation for the injury which he has sustained by the pollution of the stream, must proceed not by action at law, but under section 85 of the Act, for compensation. This was the holding of the Court of Queen's Bench, in the case of Cator v. the Board of Works for the Lewisham district.

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The Copper Mixes of Canada. Art. A. E. Marque, a mining engine many process of purification and process of pu

WEATHER PREDICTIONS.

SIR,—The Board of Trade is certainly most unfortunate with its twenty-four hours forecasts of the weather. From the 3d to the 6th a series of most violent gales have been raging around our coasts, and not the slightest warning given from the Meteorological Department of the Board of Trade. The only notice of the approach of these gales I gave in my last letter in the Journal. It is rather singular that a Government department, which costs the country 7000l. per annum for weather forecasts, for protecting life and property at sea, that this department should not even send a signal of warning to the sea ports. But what is the use of writing on this subject, when a few "reports and speeches in Parliament," and a few letters in the newspapers, puffing imaginary theories as meteorological science; with these supplies are voted? "Public good" is thus amused, with a now and then "Hoist the drum" for gales which often do not occur, for signals of danger when the gales are blowing full face; but when the danger-signal arrives a little before the gale has commenced, then all is right, "pablic good" pacified, and a scientific victory proclaimed. The sublime order of the weather repudiates such trickery—it is not science. Those persons who have written to me on this subject must take the above as my answer. With reference to the future of the weather: from the 13th othe 26th, the weather will be of an unsettled character, with fogs, strong winds, or gales, on, or about, the 13th and 14th; 16th to the 19th; 21st and 22d; 24th to the 26th; 30th and 31st, insts., with some light frosts occasionally. The present easterly winds will continue until about the 12th inst.

GEORGE SHEPHERD, C.E., 26, Throgmorton-street, Sept. 30.

Author of the "Climate of England."

26, Throgmorton-street, Sept. 30. Author of the "Climate of England."

THE RAILWAY BRIDGE AT BLACKFRIARS.—Messrs. Kennard Brothers, of Crumiin Ironworks, near Newport, Monsocuthshire, were the contractors, and Mr. Friend French the practical engineer. The bridge is 939 ft. long, 56 ft. wide, and the iron in this portion of the bridge and along the centre are 15 ft. high. The total weight of the iron in this portion of the bridge alone is 3000 tons, and the exact number of riveis fixed in it is 603,632. Three hundred men and boys have been constantly employed on it from January 29 to the last day of September—s few days before the time allowed by the contract. A new feature on this bridge, when altogether finished, will be that along the tops of the cross clilptical braces on both sides of the railway 20 lines of telegraphic wire on each side will be fixed, making 40 in the width of 56 ft., thus making a kind of curve overhead, which will have a very pretty and unique appearance.

THE TELEGRAPH BETWEEN LONDON AND AMERICA.—From advices received in Liverpool from New York we learn that the Western Union Telegraph Company, who, in connection with the Russian Government, have this great enterprise in hand, are actively engaged in fitting out an expectition under the immediate supervision of Capt. C. S. Bulkeley, of the United States army, for Oregon, the coast of Russian America, and the country lying beyond Behring Straits, to survey the route of the telegraph line, and make all other needful arrangements for putting the whole extent of the line under contract the ensuing year; and it is said that the projectors of the enterprise are sanguine that the line will be in successful operation between New York, San Francisco, St. Petersburg, and London about the middle of 1866.

LIGHTING GAS BY ELECTRICITY.—At the British Association meeting, Prof. W. B. Rogers exhibited an invention by Mr. Cornellus, of Philadelphis, for lighting gas by electricity. It was the first time it had been exhibited in Europe. The electrical a

CORNISH MINING.—There are upwards of 300 mines at present at work in Cornwall, employing, directly and indirectly, upwards of 100,000 persons. In them, at least 20,000,0004, of capital is embarked, so that the magnitude of the interests at stake, and the importance of the prices of metals permitting them to be worked at a profit, will

Bird,—At Camborne, on Monday, Mr. James Lanyon, the much-respected purser of South Frances Mine, and for upwards of 20 years toller of the most extensive mineral property in this county—that of the Bassets of Tehidy—a few years since yielding an income of nearly 15,000t. a year.

WANTED, a MINING CAPTAIN, to TAKE CHARGE of a LARGE MINERAL PROPERTY in the county of WICKLOW, IRELAND, containing lead and copper lodes, and where there is a lead mine at full work. Parties wishing to apply should forward references and copies of testimonials as to their thorough knowledge of mining and of dressing of ores, and should also understand dialting. They will likewise montion sairary expected.—Applications to be addressed to the Directors of the Carysfort Mining Company (Limited), 65, Dame-street, Dublin.

ANTED, at WEST WHEAL FRIENDSHIP MINE, (3½ miles from Tavistock, with a good road), a fully approvable CORNISH PUMPING ENGINE, 45 or 50 in. cylinder, with TWO BOILERS 9 or 10 tons each, NEW or SECOND-HAND.—Parties having such to offer to write to the Directors, No. 4, Great Winhester-street, Old Broad-street, London, E.C., stating price and time binding them.

OLLIERY WINDING ENGINE.—WANTED to PURCHASE, a good SECOND-HAND HORIZONTAL ENGINE, not less than 40 in. cylinder and 6 ft. stroke, with the necessary winding gear for flat wire ropes, without boilers.—Price and other particulars to be sent to Mr. Ronaldson, Clough Hall Colliery, Stoke-on-Trent.

PO IRONMASTERS.—The ADVERTISER, who has for seven years held an important situation in one of the most extensive ironworks in tatfordshire, and is thoroughly sequainted with the duties of the office and routine of the works, is OPEN to a similar ENGAGEMENT.—Address, "O. P.," Post-office, York.

TO IRONMASTERS.—The COEDCAE COAL COMPANY are PREPARED to DISPOSE of TWO HUNDRED TONS DAILY of their celebrated No. 3 RHONDDA COALS. They are pure, and eminently suitable for all from making, raw or in coke.—Post-office Chambers, Docks, Cardiff.

TO CAPITALISTS.—The LESSEE of a FIRST-RATE COLLIERY in NORTH WALES WANTS a PARTNER, with about £2000, a mining engineer or practical colliery manager might have the management. A profit 4s, per ton can be clearly abown on the coal raised in the royality, which is an extensive one.—Address, "Bryn," care of Mr. H. Greenwood, advertising agent, Liverpool.

TO MINING COMPANIES AND OTHERS.—
An OFFER WANTED for ONE of BLAKE'S PATENT STONE BREAKING
MACHINES, made by Marsden, of Leeds, six months ago, and never having been used.
It cost £180, delivered in Leeds, and is now near St. Austeil, in Cornwall.—Apply to
Mr. Craven, 6, East Parade, Leeds.

TO SPECULATORS, MINING AGENTS, &c.—TO BE DISPOSED OF, an excellent IRON ORE SETT, inexhaustible quantity, &c.; 21 years' grant, easy transit.—For further particulars, apply to "Z. Z.," Post-office, Exeter, Devon.

TO COLLIERY OWNERS AND VIEWERS.—FOR SALE, a QUANTITY of HEAVY SECOND-HAND CHAIN, suitable for balance weight.—Apply to Messrs. J. and E. Lumsdon, Strand Ironworks, Sunderland.

TO ROPE MAKERS, &c.—TO BE SOLD, the ENTIRE PLANT (or any part) of a ROPE MAKER (machinery patent), premises being required for other purposes, and the business declined.—Apply to "W. W.," Post-office, Plymouth.

MINERALOGY-KING'S COLLEGE, LONDON.-AVI PROFESSOR TENNANT, F.G.S., will give, during the ensuing season, TWO COURSES of LECTURES on MINERALOGY, with a view to facilitate the study of GEOLOGY and of the APPLICATION of MINERAL SUBSTANCES to the ARTS. One course will be given on Wednesday evenings, from Eight illi Mins, beginning or October 13th; fee, £1 11s. 6d. A more extended course will be given on Wednesday and Friday mornings, from Nine to Ten, beginning on Friday, October 7th; fee, £2 2s.

B. W. JELF, D.D., Principal.

Gun Cotton Manufactory.

Gun Cotton Manufactory.

MESSES. THOMAS PRENTICE AND CO.,
GREAT EASTERN CHEMICAL WORKS, STOWMARKET, SUFFOLK.

This manufactory has been established for the purpose of preparing GUN COTTON, seconding to the Austrian process, and was opened on the 26th of January last, under the inspection of Baron Lenk. Messrs. Thomes Prentice and Co. are now able to SUPPLY GUN COTTON, in its most approved form, either for the purposes of engineering and mining, or for military and submarine explosion, and for the service of artillery, as a substitute for gunpowder.

The advantages of HarnLerry.—The same initial velocity of the projectile can be obtained by a charge of gun cotton one-fourth of the weight of gunpowder. There is much smaller recoil of the gun. The same initial velocity of projectile is produced, with a shorter length of barrel. In projectiles of the nature of explosive shells it breaks the shell more equally into much more numerous pieces than gunpowder. When used in shells, one-third the weight of gun cotton produces double the explosive force of gunpowder.

Fon Gunt Emoirements of Aminus.—In driving tunnels through hard rock a charge of gun cotton of given size exerts double the explosive force of gunpowder, thus a smaller number of holes is necessary. It may be so used as, in its explosion, to reduce the rock to much smaller pleces than gunpowder, and so facilitate its removal. As gun cotton produces no smoke, the work can proceed much more rapidly, and with less injury to the health of the miners. In working coal mines the advantages of bringing down much larger quantities of material with a given charge, and the absence of smoke in the explosion, enable a much greater quantity of work to be done in a given time at a given coat. The weight of gun cotton required to produce a given effect in mining is only one-sixth part of the weight of gun cotton for gune cotton for due to the receive of the weight of gun cotton being one-sixth that of gun powder. The bacting and greater force of a guiven charge is a great el

vantage of keeping affoat the water-tight case in which it is contained, while gunpowder sinks it to the bottom.

For NAVAL WARFARE.—In the batteries of ships, between decks, and in casemated forts, the absence of amoke facilitates continuous rapid firing. The absence of fouling and of heating are equally advantageous for naval as for military artilitiery. General and of heating are equally advantageous for naval as for military artilitiery. General and of heating are equally advantageous for naval as for military artilitiery. General and the cotton is the as aircraft peen properly of the patent gun cotton. It has aircraft been preserved 10 years without injury or decay. It can be transported through fire without danger, simply by being wetted, and when dired in the open air it becomes as good as before. In the case of a ship, or a fortress, or a city being on fire, this quality may be of the greatest value. It is much safer than gunowder, owing to its being manufactured in the shape of rope or yarn. It cannot escape from its package, or be splited by accident. The patent gun cotton is entirely free from the danger of spontanous combustion, and secures that degree of safety and certainty which, at the time of the original invention, the gun cotton of Schönbein did not possess. Mesers. Thomas Prentice and Co. are now in a position to contract with the owners of mines, eng'neers, contractors, and governments for gun cotton prepared in the various forms required for their use. Mining charges will be supplied in the rope form, according to the diameters of order required, and gun cotton match-line, as well as instructions for using it in mines, will be supplied with it.

The great advantage of gun cotton make its use in practice very much cheaper than its comparative price would appear to show; in blasting rock, for example, the rapidity and quantity of the work done, with a given expense of wages, &c., is largely in favour of gun cotton.

Mesers. Tuomas Prentice and Co. are also prepared to manufacture the gun cot

of gun cotton.

Messrs. Tuomas Prewrice and Co. are also prepared to manufacture the gun cotton and deliver it in the form of gun cartridges, adapted to every description of ammunition; all they require for this purpose being a drawing of the gun, gunpowder cartridges, and ammunition, with the specification of weights, sizes, and initial velocities.

Artillerists who prefer to manufacture their own cartridges may make special arrangements with the patentee through Messrs. Prestrice and Co.

Stowmarket, March 10, 1864.

NEW COMBINED TURBINE, WINDING, AND

NEW COMBINED TURBINE, WINDING, AND PUMPING MACHINERY,
MANUFACTURED by GEORGE LOW,
MILLGATE IRONWORKS, NEWARK-UPON-TRENT,
Who respectfully begs to bring the above to the notice of the mining public, as an exceedingly cheap and easy method of applying water-power for the above purposes.
The TURBINE, WINDING, and PUMPING MACHINERY are all fixed complete to one strong cast-iron bed plate, which can be placed in any situation without pit or excavation, and any height not exceeding 33 it, from bottom of fail, the supply and suction pipe being all that is required to be connected to it, and can be brought in any direction. This combined machine can be easily removed when necessary.

G. Low begs also to state that the TURBINE is the most efficient and the cheapest method of applying water-power for mining purposes.

MANUFACTURER of WINDING, PUMPING, CRUSHING, STAMPING MACHINERY, WINDING ENGINES, WATER WHEELS.
IMPROVED TURBINE WATER WHEELS CONSTRUCTED either to WORK VERTICALLY or HORIZONTALLY, and upon the MOST SCIENTIFIC and EFFECTIVE PRINCIPLE.

TIVE PRINCIPLE.

G. Low begs to recommend a special class of turbine adapted for extreme high falls (200 to 500 ft.), and consuming small quantity of water. This turbine will work with equal advantage without running at an excessive velocity. Also, MANUFACTURER of IMPROVED BORING MACHINES for DRIVING ADITS.

MINING OFFICES, MANCHESTER.

MESSES. HARVEY AND CO., MINING ENGINEERS AGENTS, AND SHAREDEALERS, CLARENCE CHAMBERS, MANGHESTER, are at all times in a position to deal in all the market Dividend and Progressive Mine shares, and also to advise on all mining matters, being practically acquainted with the business, and having a daily communication from the mining districts of Decrea and Cornwall.

qualities with the business, and having a morthly "Mining Circular," containing a valuable summary of mining information. Forwarded gratis on application.

The Circular for October contains a report on East Seton, Wh. Prosper, and Margaret.

CAPT. C. WILLIAMS, TYN-Y-WERN, TALIESIN, via SHEEWSBURY, has had upwards of 20 years' practical experience in mining during which time he had the entire management of several English and Welsh mines. Residing in the centre of the CARDIOANSHIRE MINING DISTRICT, and in close proximity to those of MERIONETHSHIRE and MONTGOMERYSHIRE, he OFFERS HIS SERVICES to SURVEY and REPORT UPON ANY MINE.

WILLIAMS has FOR SALE EIGHTY SHARES In the CWMSYMLOG UNITED MINES. No reasonable offer will be refused These mines adjoin the Great Darren to the east, having the same strata and run ovelns; and the course of ore now reported at the latter mine to yield 15 cwts. of ore perfathom is within a short distance of the former mines.

Capt. Williams is at all times in a position to give reliable information to capitalists respecting mines to which they should embark or avoid.

Tyn-y-Wern, Taliesin, via Shrewsbury, October 4, 1864.

MR. BRENTON SYMONS INSPECTS and REPORTS on ANY MINERAL PROPERTY. In all cases where procurable a plan will ac-pany his report.—18, Hatton-garden, E.C.

MR. BRENTON SYMONS is now engaged in PREPARING a GEOLOGICAL MAP and SECTION of the MINERA COAL FIELD and LEAD MINING DISTRICT, for publication by subscription. Whilst there he OFFERS HIS SERVICES to INSPECT and REPORT on ANY MINING PROPERTY in the neighbourhood.—Address, Minera Lead Mines, Wrexbam.

BRITISH AND FOREIGN INVESTMENT.

MR. THOMAS SPARGO, STOCK, SHARE, AND MINING BROKER, 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C., TRANSACTS EVERY DESCRIPTION OF BUSINESS IN the PURCHASE and SALE OF SHARES IN BANKS, CANALS, MINES, RAILWAYS, BRIDGES, INSURANCES, and ALL OTHER DESCRIPTIONS OF BRITISH and FOREIGN STOCK.

Mr. SPARGO has for sale shares in English mines paying from 10 to 20 per cent, upon the present price, in the monthly and quarterly dividends, as also a number of shares in good progressive mines, some of which he with confidence specially recommends to the public as acound investments.

good progressive mines, some or which have the considerable property of the public as sound investments.

Mr. Spango gives every information as to position and prospects of all mining undertakings, upon spileation, either personally or by letter, and is enabled, through his long experience, aided by his monthly visits to Cornwall, Devon, and Wales, to obtain the most reliable information as to the numerous mines in those districts. He will, at all times give the best advice as to investment in mines, and, if necessary, inspect them himself; as in all cases he wishes to be guided by the intrinsic value of the property. Upon the receipt of 5s. he will furnish a selected list of dividend and progressive commands.

Ditto ditto ditto Head of Cornwall. Scale, three miles to an inch. Printed in three colours, showing distinctly the mining districts, the height of the allist. &c. Price 10s. 6d., on cloth and rollers. Geological maps of the various mining districts, showing the boundary line of each mine, with the lodes, cross-courses, and elvan courses by which it is traversed. Price 2s. 6d. each.

Thile, with the locate, cross-courses, and course by which is a factor of the county. The factor of the county of the large and county of the county. A Motel, or Relief, map of Cornwall (6 ft. 6 in. by 5 ft.), presenting the names of every town and village, as also every characteristic point of the county. Price £5 5s.

Dividends received, calls paid, and all orders promply negociated.

Commission 1½ per cent.

Mr. Spango has 20 years' experience of mining, ten of which he was engaged in practical mining, and ten years he has transacted business in mining shares and stock, at 224 and 225, Greebam House, Old Broad-street, City, E.C.

Bankers: Bank of London, and the Metropolitan and Provincial Bank (Limited).

MR. GEORGE HENWOOD, MINING ENGINEER, LOCHHEAD HOUSE, LOCHWINNOCH, SCOTLAND, OFFERS his SERVICES and ADVICE on mines situated in any part of England, Scotland, Wales, Ireand, Isle of Man, &c. Mr. Henwood's extensive experience in his peculiar department
of mining science is well known, and will be exerted to the utmost for the benefit of
his cliente.

In the Court of the Vice-Warden of the Stannaries. aries of Cornwall,

IN the MATTER of the COMPANIES ACT, 1862, and of the IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL ALBION SILIVER-LEAD MINING COMPANY.—Notice is bereby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY by the Court was, on the 23d day of September last, presented to the Vice-Warden of the Stannaries, by Richard Henry Stevens, a shareholder and contributory of the said company, and that the eaid petition is directed to be heard before the Vice-Warden, at No. 79, Grovescort-street, Grovescort-square, London, on Tuesday, the 18th day of Oct. Inst., at Twelve o'clock at noon.

Any contributory or creditor of the company may appear at the hearing and oppose the same, provided he has given at least two clear days' notice to the petitioner, or his solicitor, of his intention to do so, such notice to be forthwith forwarded to P. P. Smith, Esq., secretary of the Vice-Warden, Truro.

Every such contributory or creditor is entitled to a copy of the petition and adidavit verifying the same, on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the petition, must be filed at the Registrar's Office, Truro, on or before the 18th day of October inst., and notice thereof must at the same time be given to the petitioner or his solicitor.

HENRY SEWELL STOKES, Truro Dated Truro, October 4, 1864.

In the Court of the Vice-Warden of the Stannaries.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

N the MATTER of the COMPANIES ACT, 1862, and of the IN the MATTER of the COMPANIES ACT, 1862, and of the HAMMETT CONSOLS MINING COMPANY.—Notice is hereby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY by the Court was, on the lat day of October inst., presented to the Vice-Warden of the Stannaries, by Jane Lawry, widow and executrix of William Cowling Lawry, deceased, who was a contributory of the said company, and that the said petition is directed to be heard before the Vice-Warden, at the Colige Hall, Cathedral-yard, Exter, on Saturday, the 29th day of October Inst., at Half-past Two o'clock in the afternoon. Any contributory or reditor of the company may appear at the hearing and oppose the asme, provided he has given at least two clear days' notice to the petitioner, her solicitors, or agents, of his intention to do so, such notice to be forthwith forwarded to P. P. Smith, Esq., secretary of the Vice-Warden, Truro.

Every such contributory or creditor is entitled to a copy of the petition and affidavit verifying the same, from the petitioner or her solicitors, within 24 hours after requiring the same, on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the petition, must be filed at the Registrar's Office, Truro, on or before Wednesday, the 26th day of October Inst., and notice thereof must at the same time be given to the petitioner, her solicitors, or agents.

GREGORY AND CO., 1, Redford-row, London Dated Truro, October 5, 1864.

(Agents of the said Solicitors).

Dated Truro, October 5, 1864.

(Agents of the said Solicitors)

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

Stannaries of Cornwall.

In the MATTER of the COMPANIES ACT, 1862, and of the DULTA TIN MINING COMPANY (LIMITED).—TO BE SOLD, under the direction of the Registrar of the said Court, BY PUBLIC AUCTION, on Monday, the 17th day of October inst., at Twelve o'clock at noon, at the DULTA TIN MINE, in the parish of St. Dennis, within the said Stannaries, either together or in lots, the MINE SETT or GRANT of the said company, and the undermentioned MINING MACHINERY and MATERIALS, 18.:—

ONE 20 in. cylinder STEAM ENGINE, 4½ ft. stroke, 7 tons BOILER, 12 head stamps attached, with fly wheel and connections complete.

ONE 22 in. cylinder ROTARY STEAM ENGINE, with 6½ tons BOILER (not erected), 12 ft. WATER WHEEL (2 ft. breast), with 3 heads stamps attached.

30 ims. 9 in. lifts complete, horse whim, capstan chain, kibbles, wood roofs to 4 large sheds, stamps, strakes, taps and screws, new wood cistern, lot of building stone, a quantity of tailow, leather, grease, and tar, about 4 tons of coals, and a variety of other materials, and effects in general use in mines.

Further particulars may be had on application to the officer in possession; or to Messrs. HODGE, HOCKIN, AND MARRACK, Solicitors, Truro Dated Registrar's Office, Truro, October 5, 1864.

In the Court of the Vice-Warden of the Stannaries.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN RE WEST WHEAL TOLIGUS MINE.

O. BE SOLD, pursuant to an Order made in a Cause Haye

wednesday, the 19th day of October Inst., at One o'clock in the afternoon,

1 (512th) PART or SHARE of the defendant,

of and in the said MINE.

(Agent for John L. Peter, Redruth, Plaintiff's Solicitor),

Dated Registrar's Office, Truro, October 5, 1864.

NORTHUMBERLAND—WYLAM,
IMPORTANT COLLIERY, IRONWORKS, AND FIRE-BRICK WORKS, ON THE
RIVER TYNE.

M. PYE (under instructions from the proprietor) WILL SELL,
BY AUCTION, at the Queen's Head Inn, Newcastle-upon-Tyne, on Tuesday, BY AUCTION, at the Queen's Head Inn, Newcastle-upon-Tyne, on Tuesday, the 11th day of October, 1864, at One for Two o'clock precisely, in One Lot, a LEASE, for 63 years, of the sell-known SEA-SALE and LAND-SALE COLLIERY, called WYLAM COLLIERY, the WYLAM FIRE-BRICK WORKS, and the WORKMEN'S HOUSES and APPURTENANCES belonging to these concerns; together with the absolute property in agreements for other royaltic and privileges, and in all the VALUABLE PLANT, COLLIERY MATERIALS, an GASWORKS.

Printed particulars may be had, and other information obtained, from Messrs. T. E. ORSTER and Co., mining engineers, or Mr. R. R. DEES, solicitor, Newcastle-upon-Tyne.

EGLWYSYLAN, NEAR PONTYPRIDD, GLAMORGANSHIRE. IMPORTANT FREEHOLD ESTATES FOR SALE, WITH MINERALS.

IMPORTANT FREEHOLD ESTATES FOR SALE, WITH MINERALS.

MESSRS. W. H. WILLIAMS AND CO. WILL SELL, BY
AUCTION, at the Cardiff Arms Hotel, in Cardiff, on Wednesday, the 19th day
of October, 1864, at Three o'clock in the afternoon precisely, unless disposed of in the
meantime by private contract, of which due notice will be given, the undermentioned
very DESIRABLE FREEHOLD FARMS, with the VALUABLE VEINS of COAL,
PAVING STONE, IRONSTONE, and FIRE-CLAY lying thereunder, viz.:—
All that FARM HOUSE and OUTBUILDINGS, together with 123 a. 3 s. 3 s. 3 s. (more
or less) of excellent ARABLE, MEADOW, and WOOD LAND, known by the name
of the BRYNTAIL ESTATE, and adjoining the lands of Lord Lianover, the Barnoess
Windsor, and others, and now in the occupation of Mr. Griffiths, as yearly tenant:
Also, all that FARM HOUSE and OUTBUILDINGS, called CRAIG ALFA, adjoining the above-mentioned estate, containing 3 a. 2 s. 6 r. (more or less) of good
ARABLE, MEADOW, and WOOD LAND, now in the occupation of Mrs. Davies and
Mr. Wm. Davis, as yearly tenants.
Attached to the above centees are valuable rights of common.

ir. Win. Davis, as yearly tonants. Attached to the above estates are valuable rights of common. Also, all that FEE FARM RENT of £2 a year, issuing out of a piece of land, and httage erected, on about a quarter of an acre of the Craig Alfa estate, and payable by

cottage erected, on about a quarter of an acre of the Craig Alfa estate, and payable by William Thomas.

And, also, all the VEINS of COAL, PAYING STONE, IRONSTONE, and FIRE-CLAY lying under the above-named estates, and which have been surveyed by well-qualified engineers, and reported to contain upwards of 7,090,000 tons of superior coal, of the valuable Massumaw or Liantwik, and the other undermentioned velus, one of which has already been developed and worked for some months; and the coal raised therefrom is conveyed by a recently-constructed railway from the colliery to the Glamorganshire Canal, by which 300 tons a day and apwards can be conveniently carried, and an easy access can also be secured to the Taff Vale Railway. The other veins reported upon are No. I Rhondda, 30 yards from the surface; this vein has been recently proved; No. 2 Rhondda, 107 yards; No. 3 Rhondda, 180 yards; Abergorky, 247 yards; Aberdare Upper Steam, 300 yards; and the Aberdare Lower Steam, 370 yards; excisive of the lower series of coal, ironstone, and blackband, which are indisputably contained in the South Wales basin.

This property is the key to a large tract of minerals at the back, and from the increased demand for bituminous coal presents more than the ordinary attractions to a capitalist, or parties forming limited liability companies.

There is a large quarry of good paving and building stone on the Craig Alfa estate, which is now worked by a yearly tenant.

The purchaser will be required to take at a valuation, in the usual way, all the plant, rails, and machinery belonging to the colliery.

The tenants will show the farms, and the colliery can be daily seen on the Bryntail estate.

For all Gurther particulars, apply to Mr. Charles Dayles. Claremont House. Abergs.

estate.

For all further particulars, apply to Mr. CHARLES DAVIES, Claremont House, A'
venny, the owner; the Auctioneers, Exchange-buildings, Bristol, or at their offic St. Mary-street, Cardiff; or to Mr. BARKER, solicitor, Albion Chambers, Bristol.

VALUABLE COLLIERY FOR SALE IN SOUTH LANCASHIRE, AT GERARD'S

MESSRS. WILLIAM PEARSON AND SON WILL SELL, RY AUCTION (by order of the proprietors agon a dissolution of partnership, unless praviously disposed of by private treaty, of which due notice will be given), on Wednesday, the 12th October, 1864, at Three clock in the afternoon, at the Raven Botel, St. Heler's, subject to conditions to be then and there produced, all that EXTENSIVE WORKING COLLIERY, known as the GERARD'S BRIDGE COLLIERY, long worked by the late well-known firm of Speakman and Caldwell, and now by Messrs. Caldwell and McCormick, jun., situate within half a mite of the populous and increasing town of St. Heler's, and surrounded by glass works, sitail manufactories, iron foundries, and other extensive works, ensuring a constant demand at the pits for a large proportion of the produce of the colliery at favourable prices, and within fifteen miles distance of Liverpool, where immense quantities of coal are shipped.

The St. Heler's Railway and the Sankey Canal both pass through the property, and there are colliery sidings into the main line of the railway, two pier heads at the canal, and about 400 yan's of water frontage for wharfs, thus affording the amplest convenience for land and water transit direct from the pits to near and distant ports and markets.

The principal mines of coal are those known as the Little Delf, Rush Park, Main Delf, Higher Delf, San Sebastian, and Pigeon House Mines, which are being worked from three pits, and some of these are the best mines of the district.

It is computed that the aggregate practice ocals will be equal to about 2,000,000 tons. The colliery is held under miners, leases and tennacies at moderate rents, and, in other respects, upon favourable ter

The colliery is beld under miners; leases and tenancies at moderate rents, and, in other respects, upon favourable terms.

The purchaser will have the benefit of the overpaid royalty in one of the mines, amounting to about £3000.

The entire colliery will be sold as it is now working, including the substantially and well fitted up winding, pumping, capstan, and other engines, engine houses, carpenters', smiths', and lamp ahops, saw mill, store houses, weighing machines, bead gar, pump stocks and pumping gear, canal piers, surface and underground railways, rolling stock, and all other the colliery appliances; lincluding the railway and other wagous, horses, carts, canal hoats, and atores, and also comprising the farm stock and all other effects now belonging to and in use upon the colliery. Possession may be had immediately. For printed particulars, apply to Messrs, Mansu and Barnarr, solicitors, Warrington; Mr. E. P. Carass, solicitor, Prescot; to the Auctioneers, Wigan; to Mr. TROMPON, manager at the colliery: or to Messrs, Mathew and Son, solicitors, Wigan.

WHEAL CURTIS MINE.

MR. J. O. MAYNE WILL SELL, BY AUCTION on Wednesday, the 12th day of October naxt, at the Royal Hotel, Trans. Three of clock P.M., to close an account (unless previously redeemed by payment of in amount due therson), FIFTY SHARES (50 1000ths), subject to sank common title will then be produced, in the WHEAL CURTIS MINE, situate in the parish of Crowan, near Camborne, Cornwall. Crowan, near Camborne, Cornwall.

For further particulars, apply to the Auctioneer, at Trure; or to Mr. Carre, mil

Coxside, Plymouth.—Dated Plymouth, September 24, 1864.

PARAFFINE WORKS FOR SALE, e of the expiration of the partne

In consequence of the expiration of the partnership of the firms.

THERE WILL BE SOLD, BY PUBLIC ROUP, within Messrs. Cay and Black's Saie Rooms, No. 65s., George-street, Edinburg, on Wednesday, the 26th day of October next, at Two o'clock afternoon (if no private bargain), the original and well-known PARAFFIRE AND PARAFFINE OIL WORKS at BATHGATE, belonging to and carried on by Man, Young, Meldrum, and Binney, under the styles or firms of E. W. Binney and Co. sets, and Meldrum and Co. respectively, comprising LAND, BUILDINGS STEAM ENGUES, MACHINERY, TANKS, and whole FIXED and WORKING PLANT, with budgent of the styles of the set of the styles of the set of the styles of the set of the

ds extend to about 25 acres, and the feu duty unredeemed am

or thereby.

The works may be seen on Mondays, between the hours of Twelve and tickets only, which may be had at Messrs. Horns and Ross's chambers, 39, Nor street, Edinburgh, by whom offers for purchase by private bargain will be re or before the 15th October next.

or before the 15th October next.

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This mine, aiready extensively developed, has yielded about £20,000 word and ready extensively developed, has yielded about £20,000 word and ready such as the plant and machinery are of a most superior character. The main skir sunk and timbered 40 fathoms below adit. A comparatively small further only with there is little doubt, render this property a good dividend-paying mine. It has a preful steam-engine, capable of draining the mine to thrice its present depth below as Engine-house, numps, tramways of great length, water-power, crusher, drawledge and everything, in short, requisite for immediate and extensive operations. Being on and everything, in short, requisite for immediate and extensive operations. Being on the property is extensive. The lease has 31 years to run, and there are many use tained lodes besides those chiefly explored. Most favourable reports on the mins, his well-known mining engineer, have been received. The vendors would entertain offer from a respectable company, and take the larger portion of the purchase money shares.—Apply to Mr. J. Holam, 69, Moorgate-street, London, E.C.

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This mine is situated about three miles from the port of Aberdovey, in Mertomshire, North Wales, and extends over 296 acres. There are numerous lead lods maning through the sett. In the present workings a shatt has been sunk 42 mm, row which four levels have been driven, and with a moderate outlay lead ore has been detended to the amount of more than £15,000. A large stream of water runs through the sett, sufficient to work the mine to a considerable depth. There are two powerful wise wheels for pumping, &c., and every necessary appliances for raising, dressing, &c. for 250 tons of ore per month. The present proprietors not being in a position to finds to work the mine as energetically as should be done, now offer the same in public, feeling assurred that in a few months, with a liberal expenditure, the mine wal become a good paying property. Reports of the mine, and any information, can be a to price, &c.

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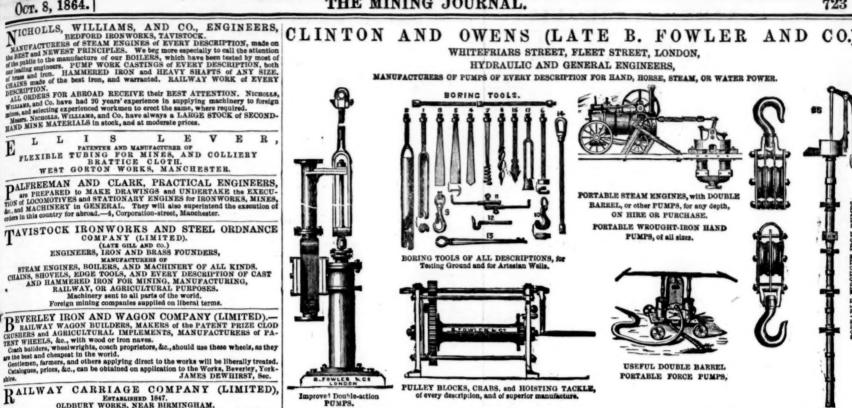
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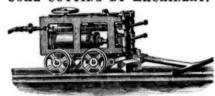
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Warehouse, 81, Upper Ground-street, London, 8.

COAL CUTTING BY MACHINERY.



MESSRS. RIDLEY AND CO. have, by recently PATENTED IMPROVEMENTS, COMPLETED their TRUNK COAL CUTTING MACHINE, WORKED by COMPRESSED AIR, and are NOW PREPARED to NEGOCIATE for the USE, and to SUPPLY MACHINES, which will be found to COMBINE SIMPLICITY OF CONSTRUCTION with PORTABILITY and ECONOMY IN WORKING. By the use of these machines a CONSIDERABLE SAVING of COAL IS EFFECTED, and the COST of LABOUR MUCH REDUCED. Each machine will be guaranteed as to its capabilities, &c.

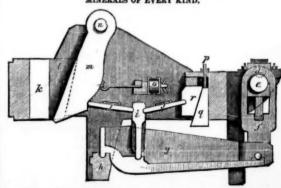
MESSRS. KNOWLES AND BUXTON, CHESTERFIELD.
MANUFACTURERS OF PATENT TUBULAR TUYERES.





BLAKE'S PATENT STONE BREAKER, OR ORE CRUSHING MACHINE,

FOR REDUCING TO SMALL FRAGMENTS ROCKS, ORES, AND MINERALS OF EVERY KIND.



It is rapidly making its way to all parts of the globe, being now in profitable use in alifornia, Washoe, Lake Superior, Australia, Cuba, Chili, Brazil, and throughout the

It is rapidly making its way to all parts of the globe, being now in profitable use in California, Washes, Lake Superior, Australia, Cuba, Chili, Brazil, and throughout the United States and England.

The above section illustrates Blake's Stone Breaker, just as made the last five years, and is fully protected in every part by patents.

Extract from Specification:—A short but powerful vibration is imparted to one or both of the jaws by any convenient arrangement, and combination of powerful levers, worked by a crank or eccentric on the main shaft.

LEGAL PROCEEDINGS will be taken at once against any person or persons found making, using, or vending any machine, the construction of which will constitute an infringement on the above patent. Read extracts of testimonials:—

Aikali Works, near Wednesbury.—Lat first thought the outlay too much for so simple an article, but now think it money well spent.

Welsh Gold Mining Company, Dolgelly.—The stone breaker does its work admirably, crushing the hardest stones and quartz.

Our 16 by 7 in. machine has broken 4 tons of hard winstone in 20 minutes, for fine road metal, free from dust.

Kirkless Hall, near Wigan.—Each of my machines breaks from 100 to 120 tons of limestone or ore per day (10 hours), at a saving of 4d, per ton. John Lancester.

Occo., Ireland.—My crusher does its work most satisfactorily. It will break 10 tons of the hardest cooper ore stone per hour.

General Frémon's Mines, California.—The 18 by 7 in. machine effects a saving of the labour of about 30 men, or \$75 per day. The high estimation in which we hold your invention is shown by the fact that Mr. Park has just ordered a third machine for this estate.

EXAMENTAL MARSDEN SOHO FOUINDRY

H. R. MARSDEN, SOHO FOUNDRY,
MEADOW LANE, LEEDS.
Only maker in the United Kingdom.

THE MINING SHARE LIST	LIGHT AND COMMERCIAL GAZETTE.	[Ocr. 8, 186
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45000 Vallanzasca (gold), Italy [L. 21] [S.E.]	Information. Beports from mines—in fact, mining intalligence of every description, forwarded to our office, will meet	ready attention.
80000 Working (copper), South Australia [L.]	ndon: Printed by Richard Middleton, and published by Hewry English (the proprietors), at their office, No. 28, Fleximum and Colonia are requested to be addressed. — October 8, 1864.	I SIMAN, LOOP WARE
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N.B. -0 October 14, 1864. M R. T. H
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